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D H I A
SIRE SUMMARY LIST
May 1966

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AUG 23 1966

CURRENT SERIAL RECORDS

AYRSHIRE, GUERNSEY, HOLSTEIN, JERSEY, BROWN SWISS,
MILKING SHORTHORN, AND RED DANE SIRES

Agricultural Research Service
U. S. Department of Agriculture

The sire evaluations, as summarized in this list, are appraisals based on production performance information available through DHIA.

The contemporary herdmate comparisons used in the USDA-DHIA Sire Summaries are especially effective in reducing environmental influences arising from herd, year, and season of calving. The primary purpose of the summaries is to use daughter-herdmate differences, as well as predicted differences in evaluating bulls on the basis of estimated breeding value or transmitting ability for milk and butterfat yield. While these evaluations represent the most reliable methods available, their usefulness in ranking bulls may be seriously limited when: (1) only 1 or few herds are represented in the summary, (2) less than 15 to 25 daughters are represented in the summary, or (3) daughter averages only are used. Under such conditions, it is especially important to supplement the sire summary with additional information from the herd(s) in which the daughters made their records. Under any circumstance, caution should be used in predicting results based on a single mating.

The sire summaries listed, and especially those representing initial or preliminary evaluations, should be supplemented with related and other information from the herd(s) in which the daughters are located. A personal evaluation of herd feeding and management conditions is highly desirable.

When a non-AI sire evaluation is based on 5 to 9 daughter-herdmate comparisons and an AI evaluation is based on 5 to 24 comparisons, these should be considered "preliminary."

DHIA SIRE SUMMARY LIST MAY 1966

Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, and Red Dane Sires

This DHIA Sire Summary List contains information for 86 Ayrshire, 356 Guernsey, 1,284 Holstein, 282 Jersey, 93 Brown Swiss, 25 Milking Shorthorn, and 3 Red Dane sires. These summaries were compiled from data received by the Animal Husbandry Research Division, ARS, up to April 29, 1966. A sire summary record is compiled for a sire when five or more of his AI or non-AI daughters have lactation records reported. Only daughters with herdmatres are used to determine whether a sire meets the minimum requirements for evaluation. AI and non-AI daughters are always summarized separately, and each category must meet requirements independently. For example, only the non-AI progeny of a sire with five non-AI and four AI daughters will be summarized, and vice versa. This report contains summaries for the following categories: (1) New summaries (five or more AI or non-AI progeny with herdmatres available for the first time), (2) all AI sires reported as in service during 1964, and (3) sires for which special requests for summaries were received.

All production records used in sire summaries consist of lactation records of 305 days or less and standardized to a mature equivalent, twice-a-day milking basis. When more than one lactation is available for a cow, all records for both the daughter and her herdmatres are averaged and used to represent her performance. Incomplete records, which are reported as terminated by (1) abortion, (2) culling for low production, or (3) sold for dairy purposes, are extended to a 305-day basis by factors that allow for breed, age, milk and fat, and used in compiling the sire summaries. Records that are deleted and not used for summaries include those coded as complete but less than 180 days in length, those coded as incomplete but less than 15 days in length, those estimated, or those initiated by abortion. However, incomplete records may not be included for cows that calved prior to 1959.

Currently reported lactation records were accepted into master files and used in the sire summaries only if the interval from calving date to production-run date (4-30-66) exceeded 364 days. The lapse-time interval was tested and shown to be effective in reducing the high incidence of incomplete records in early sire summaries. Rejected records were set aside and will be re-entered during the following appropriate quarterly sire summary.

Lactations that were not identified with a standard 8-digit DHIA herd code were not used in these sire summaries. All such lactations were initiated prior to 1957. This change may reduce the total number of daughters averaged for some sires, but will not reduce the number of daughters with herdmatres.

EXPLANATION OF LISTED SIRE SUMMARIES

The sire summary for the Guernsey sire 537401, McDonald Farms Mister Anton, on page 19, is as follows:

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537401 MCDONALD FARMS MISTER ANTON.....*
07-19-57 488786 1328089 19 NON-AI DAUS. -01 37 10,960 5.3 580
AI STUD, 35-05 LISTED, 02-66 19 WITH HERDMATES 37 10,960 5.3 580 21 9,588 464
STATES- 31 DIFF. 1,372 116
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To explain the sire summary above, line 1 lists the registration number and name of the sire; line 2 lists the birthdate of the sire, the registration number of his sire, and the registration number of his dam. The asterisk in the last position of line 1 indicates that 51 percent or more of the 19 daughters with herdmatres were registered. When 50 percent or more of the sire's progeny are grades (non-registered), a period is shown in the last position of the first line.

When a sire is summarized for the first time his name, birthdate, and the registration numbers of his sire and dam are not available and, therefore, are not listed--to illustrate see Sire No. 537706 on page 19. Pedigree information for each summarized sire is obtained from Herdbooks or the Breed Registry organization after the sire is summarized for the first time. This pedigree information is then included in the sire summary when the sire is retabulated.

"AI Stud, 35-05" (line 3) indicates that this sire is in AI service even though only natural-service progeny were available for summary. "Listed, 02-66" indicates that the sire was last summarized in February 1966. "States- 31" (line 4) indicates that daughters were available from the one State coded 31. A list of State codes is given on page 4.

The sire's summary includes the records of 19 non-AI daughters with a total of 37 lactation records. Herdmatre data were available for all 19 of these daughters. The "01" indicates that the 19 daughters with herdmatres were in 1 herd. The number of herds will be shown up to 25; but if more than 25 herds are represented, these positions will be coded with a "-25*." The 19 daughters had 37 records which averaged 10,960 pounds of milk, 5.3 percent butterfat, and 580 pounds of butterfat. The 19 daughters had an average of 21 herdmatres per daughter. The average production of these herdmatres was 9,588 pounds of milk and 464 pounds of butterfat. On the average the sire's daughters produced 1,372 pounds more milk and 116 pounds more butterfat than did their herdmatres. (Negative differences from herdmatres are indicated by succeeding minus signs.)

The sire summary for the Holstein sire 1271810, Tidy Burke Elevation, listed on page 45, is as follows:

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1271810 TIDY BURKE ELEVATION.....*
03-23-55 1013415 3348181 410 AI DAUGHTERS -25* 473 15,158 3.5 535
AI STUD, 31-02 LISTED, 02-66 410 WITH HERDMATES 473 15,158 3.5 535 30 14,160 512 1,056 26
STATES- 31, 32, 33, 43, 47, 48,
55, 56, 58, 61, 64, 65, 71, 95 34 NON-AI DAUGHTERS 96 15,219 3.7 557
33 WITH HERDMATES 92 15,381 3.7 563 11 13,992 513
```

The above summary includes data for both AI and non-AI progeny. The explanation of the identification data is the same as for sire 537401, except the asterisk in the last position of the first line shows that 51 percent or more of the AI daughters with herdmatres were registered. In the case of a sire with both AI and non-AI progeny, only the AI daughters are used in making the determination. The AI stud in which the sire was located is indicated as "AI Stud, 31-02," where the "31" indicates the State and the "02" indicates the stud within the State. On pages 3 and 4 are listed the AI studs by State and their respective code numbers.

This sire had 410 AI daughters reported with 473 records, and all 410 of these daughters had herdmatre data available. The "-25*" indicates that the 410 daughters with herdmatres were in more than 25 herds. If they had made records in 25 or less herds, the actual number of herds represented would have been printed. For example, the sire 1274685, on page 46, had 48 AI daughters in a total of 13 herds. The explanation of the other production and herdmatre data is the same as for sire 537401, except that unadjusted deviations from herdmatres are not printed for sires with 5 or more AI progeny. If desired they may be computed by subtracting the adjusted herdmatre average from the average production of daughters.

In addition to the information presented for natural-service progeny, an additional measure of a sire's breeding worth is computed from the AI progeny data. This measure, listed under the heading "Predicted Difference," can be used to compare AI sires that may have varying numbers of daughters occurring in different levels of herds with respect to producing ability of the cows and to herd management conditions. Experience has shown that the Predicted Difference is superior as a measure of an AI sire's breeding value. This value is explained on the following page. Sire No. 1271810 has a Predicted Difference rating of 1,056 pounds of milk and 26 pounds of butterfat. (Negative differences from breed average are indicated by succeeding minus signs.)

USING THE SIRE SUMMARY DATA

The sire summary information pertains only to the milk and butterfat production. When a non-AI sire evaluation is based on 5 to 9 daughter-herdmatre comparisons and an AI evaluation is based on 5 to 24 comparisons, these should be considered "preliminary."

Preliminary evaluations should be considered only as an indication, and not conclusive evidence, of the breeding value of a sire. In general, if the data are unselected, the greater the number of comparisons of daughters versus herdmatres included in an evaluation, the more reliable the evidence of the sire's breeding value. However, if a non-AI summary contains 25 unselected comparisons and an AI evaluation contains 50-60 unselected comparisons, in 25 or more herds, additional data do not greatly increase the accuracy of ranking the sires according to breeding value.

In the use of the daughter-herdmatre procedure, the desirable sire is one which markedly increases the production of his daughters over that of their herdmatres. This is because the sire's daughters and their herdmatres had an equal opportunity to produce. The differences of the production of a sire's daughters and their herdmatres is roughly the same from one level of herd production to another. Generally, a sire with a markedly negative daughter-herdmatre comparison should not be expected to raise the production level of a herd.

These production data for the daughters and their herdmatres should be supplemented by additional information gathered from the herd(s) in which the daughters made their records. A personal evaluation of the herd management and of feeding conditions in a herd, where a daughter or group of daughters made their records, is highly desirable when evaluating a natural-service sire.

CALCULATION OF USDA-DHIA SIRE SUMMARY DATA

The herd-mate (or contemporary) comparison is useful because it removes from the evaluation of a sire's breeding value complications arising from herd, year, and season of freshening variations in production.

Herd-year-seasons are based upon a 5-month moving average. The appropriate average for the daughter of the sire is obtained by averaging all records of daughters of other sires calving in the herd in the same month as the daughters, in the previous 2 months, and in the succeeding 2 months. For example, the herd-mate average for a sire's daughter calving in March would be obtained by averaging the production of all cows, except her paternal sisters, calving in that herd from January through May. All comparisons included in these summaries are on a within-breed basis.

Because the usefulness of the herd-mate average is dependent in part upon the number of herd-mates available, the herd-mates' production is adjusted to place the herd-mate data of daughters on a more comparable basis. For each individual lactation of a sire's daughter, the herd-mates' average is corrected as follows:

$$\text{Adj. Herd-mate Av.} = \text{Regional Breed-year-season Av.} + \frac{\text{No. Herd-mates}}{\text{No. Herd-mates} + 1} (\text{Herd-mate Av.} - \text{Regional Breed-year-season Av.})$$

The regional breed-year-season averages are calculated from the 305-day-2X-ME DHIA lactations of cows calving from January 1, 1950, to May 1, 1964. Three regional groupings are used for Ayrshire and Brown Swiss, 4 for Guernsey and Jersey, 14 for Holstein, and averages for Milking Shorthorn, Red Dane, and Red Poll are based on all cows calving in the United States for the year-season in question. The primary cause of differences in the number of regions used for each breed was the number of available lactations. The States composing each region are shown in Appendix table 16.

Both natural-service sires and AI sires are summarized on the basis of the daughters' average minus the average of the Adjusted Herd-mates' Averages. Under AI conditions, where a sire's daughters are scattered over many herds, additional adjustments can be made to the daughter-herd-mate data to slightly increase the accuracy of comparing different sires used in AI. These procedures described here, as well as those for adjusting herd-mate averages, follow those developed by C. R. Henderson and co-workers at Cornell University. The daughter-herd-mate difference tends to slightly decrease algebraically as the production level of herds in which the sires are used increases. This is because those herds tend to have cows of somewhat higher producing ability. The following step adjusts for this phenomenon:

$$\text{Adj. Daughter Av.} = \text{Daughter Av.} - 0.9 (\text{Adj. Herd-mate Av.} - \text{Breed Av.})$$

This step serves to increase (over the daughter-herd-mate difference) the summary of a sire used in high-producing herds and to decrease the summary of an AI sire used in low-producing herds. The breed average production used is compiled from all DHIA cows of the breed calving in 1962 and 1963 and is listed at the bottom of this page for each breed.

In order to compare sires that have widely varying numbers of offspring, it is necessary to adjust the above value for each sire in accordance with the number of progeny available. The Predicted Difference, which is the expected deviation of a sire's daughters from their breed average herd-mates (predicted breeding value), is calculated for the AI data of a sire as follows:

$$\text{Predicted Diff.} = \frac{\text{No. of daus.}}{\text{No. of daus.} + 20} (\text{Adj. Daughter Av.} - \text{Breed Av.})$$

This gives the final estimate of the breeding merit of an AI sire. With daughters scattered in many different herds, the reliability of this rating can approach maximum accuracy with a very large number of progeny. In contrast, where each sire's daughters are largely in a single herd, the accuracy of comparing sires is neither great nor materially enhanced by including more than 25 unselected progeny. The Predicted Difference rating is an estimate of the average difference from herd-mates of many future daughters sired by the sire, where these progeny are unselected and scattered throughout all different types of herd-environmental conditions. The difference is based upon nationwide DHIA conditions as a whole. It is the most reliable method currently available for this purpose. It is applicable to individual dairymen in their choice of AI sires since a given number of sires will rank similarly in breeding value both within and throughout a large number of herds.

DISTRIBUTION OF PREDICTED DIFFERENCE

In the Appendix, tables 1 to 15 indicate the variability in the Predicted Difference for milk and fat for AI sires. The first table for each breed presents stratifications of the Predicted Difference of milk production for the AI sires. The second table for each breed gives a similar breakdown of Predicted Difference for fat production.

These tables provide a means of rating any particular AI sire with respect to all AI sires of that breed summarized at the same time. For example, suppose that a particular Holstein AI sire had a Predicted Difference rating of +941. In the Appendix table for Holsteins (milk production) we find that of the 528 Holstein AI sires summarized, 95 percent had a Predicted Difference for milk production which was less than that of the sire we are considering (+941). This means that, if we choose a Holstein AI sire with no regard to production, we have 1 chance in 20 of picking a sire genetically equal to or better than this sire.

DHIA BREED AVERAGES ^{1/} (1962-63)

Breed	Milk Pounds	Fat Pounds
Ayrshire	10,313	416
Guernsey	9,003	428
Holstein	13,059	476
Jersey	8,312	425
Brown Swiss	11,384	464
Milking Shorthorn	8,971	338
Red Dane	11,069	442
Red Poll	7,664	309

^{1/} 2X, 305-day, mature equivalent

ARTIFICIAL-INSEMINATION ORGANIZATIONS IN THE UNITED STATES

DHIA SIRE SUMMARY RECORDS, OF SIRES IN AI SERVICE, INDICATE BY CODE NUMBER THE LAST AI ORGANIZATION OWNING THE SIRE. FOLLOWING IS A COMPLETE LIST OF AI ORGANIZATIONS THAT HAVE OPERATED IN THE UNITED STATES--ACCORDING TO REPORTS RECEIVED IN THE ANIMAL HUSBANDRY RESEARCH DIVISION. SOME NO LONGER EXIST, BUT SIRES IN SUCH ORGANIZATIONS MAY BE SUMMARIZED, IN WHICH CASE REFERENCE WILL BE MADE TO THE ORGANIZATION IN THE SIRE SUMMARY DATA.

STATE			ORGANIZATION		STATE			ORGANIZATION	
NAME	CODE	CODE	NAME		NAME	CODE	CODE	NAME	
MAINE	11	01	*MAINE BREEDING COOPERATIVE, INC. RFD #1, AUGUSTA 04331		ILLINOIS	33	05	EASTERN STEPHENSON ABA	
MAINE	11	02	ANDROSCOGGIN VALLEY ABA		ILLINOIS	33	06	INTER COUNTY ABA	
MAINE	11	03	ANDROSCOGGIN VALLEY & CENTRAL MAINE ABA		ILLINOIS	33	07	SHELBY COUNTY ABA	
MAINE	11	04	CENTRAL MAINE ABA		ILLINOIS	33	08	TRI COUNTY ABA	
					ILLINOIS	33	09	AMERICAN DAIRY GUERNSEY ABA	
NEW HAMPSHIRE	12	01	NEW HAMPSHIRE ABA		MICHIGAN	34	01	*MICHIGAN ANIMAL BREEDERS CO-OP., INC., P. O. BOX 511, EAST LANSING 48824	
NEW HAMPSHIRE	12	02	WILLOW SPRING ABA		MICHIGAN	34	02	ZEELAND ABA	
NEW HAMPSHIRE	12	03	*NEW HAMPSHIRE-VERMONT BREEDING ASSN., BOX 350, CONCORD 03302		MICHIGAN	34	03	NORTH KENT ABA	
					MICHIGAN	34	04	GRAND VALLEY ABA	
VERMONT	13	01	CENTRAL VERMONT ABA		MICHIGAN	34	05	HILLSDALE ABA	
VERMONT	13	02	VERMONT CO-OP. ABA, INC.						
VERMONT	13	03	AGRI. EXPERIMENTAL STATION ABA		WISCONSIN	35	01	*ASSOCIATED BREEDING SERVICE, LENA 54139	
MASSACHUSETTS	14	01	MASSACHUSETTS ABA, INC.		WISCONSIN	35	02	*BADGER BREEDERS COOPERATIVE, RT. 2, P.O. BOX 469, SHAWANO 54166	
MASSACHUSETTS	14	02	BRISTOL CO. FARM BUREAU INC. ABA						
RHODE ISLAND	15	01	RHODE ISLAND CO-OP. ABA, INC.		WISCONSIN	35	03	*EAST CENTRAL BREEDERS ASSN., CO-OP., 314 BEAVER DAM ST., P. O. BOX 191, WAUPUN 53963	
CONNECTICUT	16	01	CONNECTICUT ABA, INC.						
CONNECTICUT	16	02	FAIRFIELD-NEW HAVEN ABA		WISCONSIN	35	04	*PIPER BROTHERS FARMS, INC., RT. 4, WATERTOWN	
CONNECTICUT	16	03	LITCHFIELD COUNTY ABA						
CONNECTICUT	16	04	*NEW ENGLAND SELECTIVE BREEDING ASSOCIATION, INC., RT. 5, NEWTON RCAD, WOODBRIDGE 06525		WISCONSIN	35	05	*TRI-STATE BREEDERS CO-OP., WESTBY 54667	
					WISCONSIN	35	06	SOUTHERN WISCONSIN CO-OP. ABA	
NEW YORK	21	01	*NEW YORK ABC, INC., RT. 2, P. O. BOX 518, ITHACA 14851		WISCONSIN	35	07	CLINTON STOCK FARM ABA, INC.	
NEW YORK	21	02	BRCOME TIOGA CO-OP. ABA, INC.		WISCONSIN	35	08	DANE CO-OP. ABA	
NEW YORK	21	03	BRCOME CO-OP. ABA, INC.		WISCONSIN	35	09	DANE IOWA CO-OP. ABA	
NEW YORK	21	04	CORTLAND ABA, INC.		WISCONSIN	35	10	POLK COUNTY CO-OP. ABA	
NEW YORK	21	05	ROUNDOUT ABA		WISCONSIN	35	11	ROCK COUNTY ABA	
NEW YORK	21	06	SENECA CO-OP. ABA, INC.		WISCONSIN	35	12	TREMPEALEAU CO-OP. ABA	
NEW YORK	21	07	SULLIVAN COUNTY ABA		WISCONSIN	35	13	TRI COUNTY ABA	
					WISCONSIN	35	14	UNIVERSITY OF WISCONSIN ABA	
NEW JERSEY	22	01	SUSSEX CO-OP. BREEDING ASSN., INC.		WISCONSIN	35	15	VERNON COUNTY CO-OP. ABA	
NEW JERSEY	22	03	NEW JERSEY COOPERATIVE BREEDERS ASSOCIATION, INC.		WISCONSIN	35	16	WISCONSIN EXPERIMENTAL BREEDING PROJECT	
NEW JERSEY	22	04	MORRIS CO. CO-OP. ABA, INC.		WISCONSIN	35	18	CENTRAL WISCONSIN CO-OP. ABA	
NEW JERSEY	22	05	NEW JERSEY EXPERIMENT STATION ABA		WISCONSIN	35	19	LANGLADE COUNTY ABA	
NEW JERSEY	22	06	PLAINSBORE ABA		WISCONSIN	35	20	CLARK COUNTY ABA	
NEW JERSEY	22	07	BURLINGTON COUNTY ABA						
NEW JERSEY	22	08	WALKER-GORDON ABA		MINNESOTA	41	01	*MINNESOTA VALLEY BREEDERS ASSN., NEW PRAGUE 56071	
PENNSYLVANIA	23	01	*ZIMMERMAN DAIRY FARM, RT. 2, LEIGHTON 18235		MINNESOTA	41	02	MINNESOTA VALLEY & SOUTHERN MINNESOTA ABA	
PENNSYLVANIA	23	02	FIRST PA. ARTIFICIAL BREEDING COOPERATIVE		MINNESOTA	41	03	NORTHWEST MINNESOTA ABA	
PENNSYLVANIA	23	03	CLARION COUNTY ABA		MINNESOTA	41	04	CONSOLIDATED BREEDERS CO-OP.	
PENNSYLVANIA	23	04	NEPA ARTIFICIAL BREEDING COOPERATIVE		MINNESOTA	41	05	BARNUM ABA	
PENNSYLVANIA	23	05	WESTERN PA. ABC		MINNESOTA	41	06	CENTRAL MINNESOTA ABA	
PENNSYLVANIA	23	06	GLOEN GENES ABA, INC.		MINNESOTA	41	07	FLOODWOOD CO-OP. ABA	
PENNSYLVANIA	23	07	LEHIGH VALLEY CO-OP. FARMERS		MINNESOTA	41	08	NORTH MINNESOTA ABA	
PENNSYLVANIA	23	08	SOUTHEASTERN PA. ABC		MINNESOTA	41	09	ROSEAU COUNTY CREAMERIES ABA	
PENNSYLVANIA	23	09	*ATLANTIC BREEDERS CO-OP., RT. 230 BY-PASS, P.O. BOX 254, LANCASTER 17604		MINNESOTA	41	10	TILNEY FARMS ABA	
					MINNESOTA	41	11	VILLARD CO-OP. ABA	
PENNSYLVANIA	23	11	*NORTHEASTERN BREEDERS ASSN., INC., R.O. 2, TUNKHANNOCK 18657		MINNESOTA	41	12	WEST ST. LOUIS COUNTY ABA	
					MINNESOTA	41	13	LAND O-LAKES CREAMERIES, INC. ABA	
OHIO	31	01	*CENTRAL OHIO BREEDING ASSOCIA- TION, 1224 ALTON-DAIRY ROAD, COLUMBUS 43228		MINNESOTA	41	14	WATONWAN TRUMAN CO-OP. CREAMERY	
OHIO	31	02	*NOBA, INC., RT. 4, P.O. BOX 1015, TIFFIN 44883		MINNESOTA	41	15	SOUTHERN MINNESOTA BREEDING FEDERATION	
OHIO	31	03	TRUMBULL-ASHTABULA ABA		MINNESOTA	41	16	SWINK AB CORP.	
OHIO	31	04	WESTERN OHIO ABA		MINNESOTA	41	17	AITKIN COUNTY ABA	
OHIO	31	05	NORTHEAST OHIO CO-OP. ABA		MINNESOTA	41	18	FRIENDLY VALLEY ABA	
OHIO	31	06	NORTHWEST OHIO ABA		MINNESOTA	41	19	NORTH ST. LOUIS COUNTY ABA	
INDIANA	32	02	*JOHN A. NEWMAN & SONS, R. R. 2, BOX 21, CULVER		MINNESOTA	41	20	PINE COUNTY ABA	
INDIANA	32	03	ELKHART COUNTY ABA		MINNESOTA	41	21	*MIDWEST GENES, INC., BOX 111, ANOKA 55303	
INDIANA	32	04	HARRISON ABA						
INDIANA	32	05	INDIANA ABA		IOWA	42	01	NORTHWEST IOWA CO-OP. ABA	
INDIANA	32	06	INDIANA STATE INSTITUTIONS ABA		IOWA	42	02	*EASTERN IOWA BREEDERS, HIAWATHA 52233	
INDIANA	32	07	LAPORTE CO-CP. ABA, INC.		IOWA	42	03	IOWA DAIRY GENETICS, INC.	
INDIANA	32	08	HARRY ROSENBERG ABA		IOWA	42	04	HUMBOLDT CO-OP. ABA	
INDIANA	32	09	ROSS FARM ABA		IOWA	42	05	LINN COUNTY CO-OP. ABA	
INDIANA	32	10	WALTER H. BALL ABA		IOWA	42	06	NORTH IOWA CO-OP. ABA	
INDIANA	32	11	TOPEKA ABA		IOWA	42	07	WESTERN IOWA ABA	
INDIANA	32	12	BOTTEMA FARMS ABA		IOWA	42	08	IOWA BREEDERS CO-OP.	
INDIANA	32	13	INDIANAPOLIS CO-CP. ABA		IOWA	42	09	PALO ALTO CO-OP. ABA	
INDIANA	32	14	PRODUCERS CREAMERY ABA		IOWA	42	10	CRAWFORD COUNTY ABA	
INDIANA	32	15	STUBEN ABA		MISSOURI	43	01	EAST MISSOURI ABA	
INDIANA	32	16	NORTH BENTON-NEWTON-JASPER ABA		MISSOURI	43	02	M. F. A. ABA	
INDIANA	32	18	SOUTHERN INDIANA ABA		MISSOURI	43	03	MID WEST ABA	
					MISSOURI	43	04	MISSOURI DAIRY BREEDERS ABA	
ILLINOIS	33	01	*NORTHERN ILLINOIS BREEDING CO-OP., RT. 1, HAMPSHIRE 60140		MISSOURI	43	05	SOUTHWEST MISSOURI ABA	
ILLINOIS	33	02	*SOUTHERN ILLINOIS BREEDING ASSOCIATION, BREESE 62230		MISSOURI	43	06	TRENTON ABA	
ILLINOIS	33	03	*CURTISS BREEDING SERVICE, INC., CARY 60013		MISSOURI	43	07	OSAGE FARMS ABA	
ILLINOIS	33	04	CENTRAL ILLINOIS ABA		MISSOURI	43	08	AVA ABA	
					SOUTH DAKOTA	46	01	SOUTH DAKOTA CO-OP. ABA	
NEBRASKA	47	01	NEBRASKA DAIRY BREEDERS						
NEBRASKA	47	03	DOUGLAS CO-OP. ABA						
NEBRASKA	47	04	LANCASTER NON-STOCK CO-OP. DAIRY ABA, INC.						
NEBRASKA	47	05	NORFOLK NON-STOCK CO-OP. ABA						
NEBRASKA	47	06	UNIVERSITY OF NEBRASKA ABA						

*INDICATES THOSE AI ORGANIZATIONS REPORTED AS ACTIVE.

STATE		ORGANIZATION	STATE		ORGANIZATION
NAME	CCOE CODE	NAME	NAME	CODE CODE	NAME
NEBRASKA	47 07	DAIRY BREEDERS ENTERPRISE ABA	TEXAS	74 01	*TEXAS A & M DAIRY BREEDING CENTER, DAIRY SCIENCE DEPT., COLLEGE STATION
NEBRASKA	47 09	CENTRAL NEBR. NON-STOCK CO-OP. ABA, INC.	TEXAS	74 02	NORTH TEXAS ABA
KANSAS	48 01	*KANSAS ABS UNIT, ANDERSON HALL, KANSAS STATE UNIVERSITY, MANHATTAN 66504	TEXAS	74 03	TEXAS TECH ABA
DELAWARE	50 01	DELAWARE CC-OP. ABA, INC.	TEXAS	74 04	NORTH STAR ABA
DELAWARE	50 02	NEW CASTLE CO-OP. ABA	TEXAS	74 05	RIO VISTA ABA
MARYLAND	51 01	MARYLAND CO-OP. ABA, INC.	TEXAS	74 07	MUENSTER ABA
MARYLAND	51 02	*MARYLAND-WEST VIRGINIA BULL STUD, INC., P. O. BOX 555, FREDERICK 21701	TEXAS	74 08	HILL COUNTY ABA
VIRGINIA	52 01	*VA. ANIMAL BREEDERS ASSN., INC., RT. 4, P.O. BOX 391, ROCKY MOUNT 24151	TEXAS	74 09	CAMERON COUNTY ABA
VIRGINIA	52 02	FRANKLIN COUNTY ABA, INC.	MONTANA	81 01	WESTERN MONTANA ABA
VIRGINIA	52 03	LOUDOUN COUNTY ABA, INC.	IOAHO	82 01	BLUFFVIEW FARM ABA
VIRGINIA	52 04	PULASKI CC-OP. ABA	IOAHO	82 02	SHAMROCK ABA
VIRGINIA	52 05	VALLEY OF VIRGINIA CO-OP. ABA, INC.	IOAHO	82 03	NEW PLYMOUTH ABA
VIRGINIA	52 06	NORTH VIRGINIA CO-OP. ABA, INC.	COLORADO	84 01	COLORADO STATE UNIVERSITY ABS
VIRGINIA	52 07	SOUTHEAST VIRGINIA ABA, INC.	COLORADO	84 02	NORTH CENTRAL COLORADO ABA
VIRGINIA	52 08	BLUE RIDGE ABA, INC.	COLORADO	84 03	WILLOW SPRINGS ABA
VIRGINIA	52 09	SHEPHERD VALLEY ABA	COLORADO	84 04	BROOKRIDGE FARM DAIRY ABA
VIRGINIA	52 10	CULPEPER ABA, INC.	COLORADO	84 05	SURFACE CREEK ABA
WEST VIRGINIA	54 01	WEST VIRGINIA CO-OP. ABA	NEW MEXICO	85 01	NEW MEXICO ABA
NORTH CAROLINA	55 01	*N.C. INSTITUTIONAL BREEDING ASSN., DEPT. ANIMAL SCIENCE, N.C. STATE UNIV., RALEIGH 27600	ARIZONA	86 01	ARIZONA ABA
NORTH CAROLINA	55 02	NORTH CAROLINA STATE COLLEGE ABA	ARIZONA	86 02	EADS CATTLE BREEDING SERVICE
NORTH CAROLINA	55 03	SCUTHEASTERN ABA	ARIZONA	86 03	NEWS ABA
NORTH CAROLINA	55 04	FORSYTH COUNTY ABA	UTAH	87 01	*CACHE VALLEY BREEDING ASSN., 1950 NORTH MAIN, LOGAN 84321
SOUTH CAROLINA	56 01	CLEMSON COLLEGE ABA	UTAH	87 02	WEBER COUNTY ABA
SOUTH CAROLINA	56 02	CHESTER CO-OP. ABA	WASHINGTON	91 01	EVERGREEN NORTHWEST BREEDERS, INC.
SOUTH CAROLINA	56 03	SCUTH CAROLINA CO-OP. ABA	WASHINGTON	91 02	COLVILLE VALLEY ABA
FLORIDA	58 01	BROWARD COUNTY ABA	WASHINGTON	91 03	MT. RAINIER ABA
KENTUCKY	61 01	*KENTUCKY ARTIFICIAL BREEDING ASSOCIATION, 1930 HERR LANE, R. 6, LOUISVILLE 40222	WASHINGTON	91 04	WALLA WALLA VALLEY CO-OP. ABA
TENNESSEE	63 01	*EAST TENNESSEE ABA, RT. 10, TIPTON STATION ROAD, KNOXVILLE 37900	WASHINGTON	91 05	NORTHWEST CO-OP. ABA
TENNESSEE	63 02	*TENNESSEE ARTIFICIAL BREEDING ASSOCIATION, RT. 2, GRANNY WHITE PIKE, BRENTWOOD 37027	WASHINGTON	91 06	NORTHEAST CO-OP. ABA
TENNESSEE	63 03	*WEST TENNESSEE ARTIFICIAL BREEDING ASSOCIATION, BOX 38, YORKVILLE 38389	WASHINGTON	91 07	ED. P. PETERSON ABA
TENNESSEE	63 04	MAURY-WILLIAMSON ABA, INC.	WASHINGTON	91 08	CLARK COUNTY ABA
ALABAMA	64 01	ALABAMA ABA	WASHINGTON	91 09	FARWEST ABA
ALABAMA	64 02	MARSHALL COUNTY ABA	WASHINGTON	91 10	*W. DE JONGS SUPREME BULL SERVICE RT. 1, MONROE
MISSISSIPPI	65 01	HINDS RANKIN ABA	WASHINGTON	91 13	*ALL WEST BREEDERS, BOX 197, BURLINGTON 98233
MISSISSIPPI	65 02	*MISS. ANIMAL BREEDERS CO-OP., BOX 354, STATE COLLEGE 39762	OREGON	92 01	OREGON BREEDERS ASSOCIATION
MISSISSIPPI	65 03	PIKE CO-OP. ABA	OREGON	92 02	MULTNOMAH ABA
MISSISSIPPI	65 04	TUPELO ABA	OREGON	92 03	YAMHILL COUNTY ABA
MISSISSIPPI	65 05	SOUTH MISSISSIPPI CO-OP. ABA	CALIFORNIA	93 01	*CALIFORNIA DAIRY BREEDERS, INC., P. O. BOX 188, DAVIS 95616
MISSISSIPPI	65 06	MID SOUTH ABA	CALIFORNIA	93 02	*AODHR FARMS INSEMINATING SERVICE RT. 1, P.O. BOX 18, CAMARILLO 93010
MISSISSIPPI	65 07	TIPPAH COUNTY FAIR AND LIVESTOCK ABA	CALIFORNIA	93 03	*EXCELSIOR BREEDING SERVICE, 7401 ADAMS, RT. 1, BOX 128, CORONA 91720
MISSISSIPPI	65 08	NOXUBEE COUNTY ABA	CALIFORNIA	93 04	GOLDEN WEST ABA, INC.
ARKANSAS	71 01	ARKANSAS DAIRY BREEDERS ASSN.	CALIFORNIA	93 05	*JESSUP BREEDERS, 5471 SAN FERNANDO ROAD W, GLENDALE 91203
LOUISIANA	72 01	*LOUISIANA ANIMAL BREEDERS CO-OP., INC., BOX B. D., LSU, BATON ROUGE 70803	CALIFORNIA	93 06	SANTA CLARA ABA
LOUISIANA	72 02	NORTHERN LOUISIANA JERSEY ABA	CALIFORNIA	93 07	SAN PASQUAL ABA, INC.
OKLAHOMA	73 01	EASTERN OKLAHOMA ABA	CALIFORNIA	93 08	SONOMA MARIN CO-OP. ABA, INC.
OKLAHOMA	73 02	NORTHWESTERN OKLAHOMA ABA	CALIFORNIA	93 09	TULARE CO-OP. ABA
OKLAHOMA	73 03	OKLAHOMA DAIRY BREEDERS ABA	CALIFORNIA	93 10	*PACIFIC BREEDERS CO-OP., INC., 1464 MIDOLE TWO ROCK ROAD, PETALUMA 94952
			CALIFORNIA	93 11	SACRAMENTO CO-OP. ABA
			PUERTO RICO	94 01	*PUERTO RICO ARTIFICIAL BREEDING ASSOCIATION, P. O. BOX 958, OORADO 00646
			HAWAII	95 01	WAIMEA DAIRY ABA
			HAWAII	95 02	MOANALUA DAIRY LTD. ABA
			HAWAII	95 03	HALEAKALA RANCH DAIRY FARM, MAKAWAO, MAUI
			ALASKA	96 01	*MATANUSKA VALLEY BREEDERS ASSN., PALMER 99645

*INDICATES THOSE AI ORGANIZATIONS REPORTED AS ACTIVE.

S T A T E	C O O E S
11 MAINE	35 WISCONSIN
12 NEW HAMPSHIRE	41 MINNESOTA
13 VERMONT	42 IOWA
14 MASSACHUSETTS	43 MISSOURI
15 RHODE ISLAND	45 NORTH DAKOTA
16 CONNECTICUT	46 SOUTH DAKOTA
21 NEW YORK	47 NEBRASKA
22 NEW JERSEY	48 KANSAS
23 PENNSYLVANIA	50 DELAWARE
31 OHIO	51 MARYLAND
32 INDIANA	52 VIRGINIA
33 ILLINOIS	54 WEST VIRGINIA
34 MICHIGAN	55 NORTH CAROLINA
56 SOUTH CAROLINA	83 WYOMING
57 GEORGIA	84 COLORADO
58 FLORIDA	85 NEW MEXICO
61 KENTUCKY	86 ARIZONA
63 TENNESSEE	87 UTAH
64 ALABAMA	88 NEVADA
65 MISSISSIPPI	91 WASHINGTON
71 ARKANSAS	92 OREGON
72 LOUISIANA	93 CALIFORNIA
73 OKLAHOMA	94 PUERTO RICO
74 TEXAS	95 HAWAII
81 MONTANA	96 ALASKA
82 IOAHO	

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF				ADJ. HERD-MATES		AV. PREG. DIFF.	
AYRSHIRE				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK
				NUMBER	LB	%	LB	NUMBER	LB	LB	LB
94852	FAIR MEADOWS FIREBRAND.....*										
09-24-47	78308 293930	480	AI DAUGHTERS-25*	1091	9,938	4.0	399				
AI STUD, 31-01	LISTED, 02-66	454	WITH HERD-MATES	1011	9,905	4.0	398	10	10,018	403	136-
STATES- 11,12,14,21,22,23,31,											6-
32,33,35,42,51,55,56,57,58,61,		33	NCN-AI DAUGHTERS	204	10,394	4.0	419				
63,64,65,73,74,84,91,92,93		32	WITH HERD-MATES	189	10,314	4.0	413	9	10,318	425	
96189	TOLL GATE COLONEL 808.....*										
02-10-49	72686 269615	446	AI DAUGHTERS-25*	883	10,722	4.1	438				
AI STUD, 31-01	LISTED, 02-66	438	WITH HERD-MATES	866	10,706	4.1	438	11	10,343	415	350
STATES- 21,22,23,31,32,33,35,											22
41,42,46,48,51,55,57,61,63,64,		9	NCN-AI DAUGHTERS	23	11,670	3.9	458				
65,74,82,84,91,93		8	WITH HERD-MATES	15	10,815	3.9	422	16	10,218	408	
97587	MEDFORD TIMID MICKEY.....*										
01-01-49	55440 338833	108	AI DAUGHTERS-25*	202	10,794	4.4	470				
AI STUD, 48-01	LISTED, 02-66	104	WITH HERD-MATES	193	10,795	4.4	471	11	10,328	426	392
STATES- 41,47,48,51,71,73											39
		18	NCN-AI DAUGHTERS	62	9,812	4.4	436				
		18	WITH HERD-MATES	56	9,708	4.4	430	8	9,470	396	
100253	WINDROW PAR TEDDY.....*										
01-05-50	57746 294020	30	AI DAUGHTERS-15	30	10,959	4.2	461				
AI STUD, 12-03	LISTED, 02-66	30	WITH HERD-MATES	30	10,959	4.2	461	18	10,741	441	157
STATES- 12,13,14,55,57											13
		50	NON-AI DAUGHTERS	163	9,189	4.2	383				
		49	WITH HERD-MATES	162	9,208	4.1	382	24	9,063	370	
101527	MEREDITH PREDICTION.....*										
06-14-50	79374 296863	1568	AI DAUGHTERS-25*	3484	11,010	4.1	452				
AI STUD, 21-01	LISTED, 02-66	1532	WITH HERD-MATES	3380	11,005	4.1	452	16	10,793	435	257
STATES- 11,12,13,14,15,16,21,											19
22,23,33,34,41,42,48,51,52,54,											
55,57,58,63,64,65,73,74,91											
101773*										
STATES- 15		8	NON-AI DAUS.-01	9	9,917	3.9	383				
		7	WITH HERO-MATES	7	10,123	3.8	384	5	10,323	398	
								DIFF.	200-	14-	
103949	GLENGARRY FANCY BOY, IMP.....*										
08-29-49	76451 435251	524	AI DAUGHTERS-25*	909	11,061	3.9	436				
AI STUD, 31-01	LISTED, 02-66	510	WITH HERD-MATES	883	11,063	3.9	436	13	11,054	445	80
STATES- 12,13,14,15,21,22,23,											6-
31,32,33,34,35,41,42,46,48,51,		28	NCN-AI DAUGHTERS	100	11,781	4.1	486				
52,54,55,56,57,58,61,65,74,82,		27	WITH HERD-MATES	95	11,831	4.2	491	6	10,937	454	
91,93											
104157	OAK RIDGE RANGER.....*										
02-28-51	86290 245978	18	NON-AI DAUS.-02	37	10,398	4.0	413				
STATES- 87,93		18	WITH HERD-MATES	36	10,376	4.0	412	12	10,114	401	
								DIFF.	262	11	
104237	OAK RIDGE ORACLE.....*										
11-07-50	93402 380421	485	AI DAUGHTERS-25*	618	11,321	4.1	462				
AI STUD, 35-75	LISTED, 02-66	473	WITH HERO-MATES	605	11,316	4.1	461	16	10,860	433	490
STATES- 12,13,21,23,31,32,33,											29
34,35,41,42,46,47,48,52,54,55,		21	NON-AI DAUGHTERS	40	11,433	3.9	447				
57,58,61,64,65,71,73,81,82,84,		21	WITH HERD-MATES	40	11,433	3.9	447	32	11,234	450	
87,91,92,93											
106285	AYR-LINE MODISH GUY.....*										
08-08-51	98640 390648	223	AI DAUGHTERS-25*	360	11,315	4.1	463				
AI STUD, 48-01	LISTED, 02-66	220	WITH HERD-MATES	354	11,347	4.1	464	15	10,859	439	497
STATES- 13,21,31,33,41,42,46,											25
47,48,54,73,74,91,93		54	NON-AI DAUGHTERS	137	10,160	4.2	423				
		53	WITH HERD-MATES	131	10,205	4.2	425	13	10,128	413	
106863*										
STATES- 33		5	NON-AI DAUS.-03	13	10,509	4.2	440				
		5	WITH HERD-MATES	13	10,509	4.2	440	8	10,884	450	
								DIFF.	375-	10-	
107957	BLOSSOM-S PANCHO.....*										
04-02-52	63147 304258	265	AI DAUGHTERS-25*	396	10,800	4.2	452				
AI STUD, 12-03	LISTED, 02-66	258	WITH HERD-MATES	386	10,771	4.2	451	15	10,806	442	13
STATES- 11,12,13,14,15,16,21,											11
41,46,57		33	NON-AI DAUGHTERS	141	11,496	4.3	491				
		33	WITH HERD-MATES	141	11,496	4.3	491	14	11,146	467	
109060	WINDROW STORMY-S CLASSIC.....*										
10-24-52	84158 402247	37	AI DAUGHTERS-15	80	10,433	4.3	450				
AI STUD, 23-11	LISTED, 02-66	37	WITH HERD-MATES	80	10,433	4.3	450	11	10,592	437	85-
STATES- 23											10
		19	NON-AI DAUGHTERS	65	10,372	4.1	430				
		19	WITH HERD-MATES	65	10,372	4.1	430	16	9,395	393	
110432	WOODHULL HARMONY PRINCE.....*										
05-17-53	77392 249276	22	AI DAUGHTERS-11	31	11,350	4.2	475				
AI STUD, 41-01	LISTED, 02-66	16	WITH HERD-MATES	22	11,066	4.2	468	13	11,012	448	55
STATES- 35,41,42,46											10
		15	NON-AI DAUGHTERS	53	10,791	4.1	444				
		15	WITH HERD-MATES	53	10,791	4.1	444	13	10,672	443	
110671	VISTA GRANDE NAPPY.....*										
03-23-53	104343 388436	153	AI DAUGHTERS-25*	162	11,497	4.1	472				
AI STUD, 33-03	LISTED, 02-66	146	WITH HERD-MATES	154	11,518	4.1	472	16	10,770	444	698
STATES- 11,12,13,14,15,16,21,											27
23,31,32,33,34,35,41,42,50,51,		15	NCN-AI DAUGHTERS	60	12,944	4.2	541				
52,54,55,58,64,65,82		15	WITH HERD-MATES	59	12,917	4.2	540	14	10,900	454	

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF				DAU.		ADJ. HERD-MATES		AV.		PRED. DIFF.	
AYRSHIRE				RECORDS	MILK	TEST	FAT	NUMBER	LB	NUMBER	LB	NUMBER	LB	MILK	FAT
				NUMBER	LB	%	LB							LB	LB
112025	CARNELL SAFE APPROVAL, IMP.....*														
05-18-53	112023	500643	131	AI DAUGHTERS-25*	340	10,469	4.1	431							
AI STUD, 23-11	LISTED, 02-66		127	WITH HERD-MATES	319	10,475	4.1	431		10	10,254	424		186	7
STATES-	11,16,21,23,51,54,57,														
65															
112443	JON-ELL CCLONEL-S FASHION.....*														
07-21-53	96189	421789	49	AI DAUGHTERS-18	49	11,159	4.3	481							
AI STUD, 23-09	LISTED, 02-66		47	WITH HERD-MATES	47	11,045	4.3	476		17	10,702	443		268	25
STATES-	23,31,50,57,63														
			20	NON-AI DAUGHTERS	31	10,310	4.1	427							
			20	WITH HERD-MATES	31	10,310	4.1	427		11	11,399	450			
112575	WINDROW SIXTY GRAND.....*														
02-14-54	84158	294020	448	AI DAUGHTERS-25*	558	11,398	4.1	473							
AI STUD, 31-01	LISTED, 02-66		434	WITH HERD-MATES	541	11,423	4.1	473		15	11,118	447		368	28
STATES-	12,13,15,16,21,23,31,														
32,33,34,35,41,42,46,48,51,52,			39	NON-AI DAUGHTERS	80	12,586	4.1	522							
54,55,56,57,58,63,65,74,82,91,			39	WITH HERD-MATES	79	12,559	4.1	521		14	11,257	462			
92,93															
113183*														
			5	NON-AI DAUS.-03	5	9,366	4.1	384							
STATES-	13,21		5	WITH HERD-MATES	5	9,366	4.1	384		9	10,442	436			
										DIFF.	1,076-	52-			
113986	REIDINA COR-S BRIGHT STAR.....*														
11-30-54	107810	408729	38	NON-AI DAUS.-16	53	11,581	4.4	506							
AI STUD, 23-11	LISTED, 02-66		38	WITH HERD-MATES	53	11,581	4.4	506		39	11,330	476			
STATES-	15,23,32,34,35,41									DIFF.	251	30			
114403	GLENGARRY WORTHY CONQUEST.....*														
11-12-53	111540	524632	22	NON-AI DAUS.-03	29	11,321	3.8	429							
	LISTED, 02-66		22	WITH HERD-MATES	29	11,321	3.8	429		36	12,131	477			
STATES-	87,91,93									DIFF.	810-	48-			
114520	CLOVER CREST MARTHA-S KING.....*														
07-02-55	110751	270876	143	AI DAUGHTERS-25*	288	10,645	4.0	427							
AI STUD, 23-11	LISTED, 02-66		141	WITH HERD-MATES	282	10,695	4.0	428		23	10,151	420		462	7
STATES-	21,23,41,42,46,50														
115077	LIPPITT THISTLEMAN.....*														
10-29-55	91883	332870	22	NON-AI DAUS.-01	25	12,871	4.0	510							
AI STUD, 93-01	LISTED, 02-66		22	WITH HERD-MATES	25	12,871	4.0	510		44	13,336	527			
STATES-	93									DIFF.	465-	17-			
115436*														
			7	NON-AI DAUS.-01	8	6,541	3.9	254							
STATES-	31		7	WITH HERD-MATES	8	6,541	3.9	254		4	8,762	325			
										DIFF.	2,221-	71-			
115469	MEREDITH SIR TALISMAN.....*														
11-01-55	108684	329381	123	AI DAUGHTERS-25*	149	10,893	4.1	443							
AI STUD, 16-04	LISTED, 02-66		119	WITH HERD-MATES	143	10,910	4.1	443		18	11,094	453		91-	5-
STATFS-	12,13,14,15,16,21,23,														
63			25	NON-AI DAUGHTERS	53	11,325	4.1	468							
			25	WITH HERD-MATES	53	11,325	4.1	468		27	11,095	453			
115546	STRATHGLASS LIVELY LUTHER.....*														
12-30-55	96570	303339	33	AI DAUGHTERS-15	76	10,148	4.1	413							
AI STUD, 23-05	LISTED, 05-65		32	WITH HERD-MATES	73	10,154	4.1	414		10	10,148	419		6-	3-
STATES-	23,54														
116628	AYR-LINE FASHION FLASH.....*														
07-05-56	106285	484554	12	NON-AI DAUS.-08	19	10,974	3.9	432							
AI STUD, 12-03	LISTED, 02-66		12	WITH HERD-MATES	19	10,974	3.9	432		13	10,742	418			
STATES-	41,48,64,73									DIFF.	232	14			
116706	WINDROW RINGO.....*														
03-06-56	88074	336926	18	NON-AI DAUS.-06	40	13,851	4.4	608							
AI STUD, 33-03	LISTED, 02-66		18	WITH HERD-MATES	40	13,851	4.4	608		21	13,043	576			
STATES-	14,23,33,34									DIFF.	808	32			
116767	GLENGARRY LLOYD ROYAL.....*														
11-09-55	116364	524632	33	NON-AI DAUS.-06	86	14,018	4.1	577							
AI STUD, 35-75	LISTED, 02-66		32	WITH HERD-MATES	83	14,214	4.1	586		6	12,328	506			
STATES-	14,32,33,42									DIFF.	1,886	80			
117061	CAERLAVEROCK PREFERRED KINGFISH.....*														
06-18-56	79374	426720	82	AI DAUGHTERS-25*	150	10,116	4.3	437							
AI STUD, 51-02	LISTED, 02-66		76	WITH HERD-MATES	139	10,125	4.3	436		16	9,891	406		152	23
STATES-	16,21,23,51,52,54,63														
117064	PRAIRIE BLUE DARK BOY.....*														
01-29-55	94934	478769	15	AI DAUGHTERS-13	15	11,558	4.2	485							
AI STUD, 31-01	LISTED, 02-66		15	WITH HERD-MATES	15	11,558	4.2	485		14	11,249	459		172	13
STATES-	23,31,33,34,48,73,74,														
82			26	NON-AI DAUGHTERS	60	11,679	4.2	491							
			26	WITH HERD-MATES	60	11,679	4.2	491		6	10,758	448			
117251*														
			6	NON-AI DAUS.-04	6	8,050	3.9	310							
STATES-	21		6	WITH HERD-MATES	6	8,050	3.9	310		18	9,623	386			
										DIFF.	1,573-	76-			
117385*														
			5	NON-AI DAUS.-01	6	7,713	4.0	309							
STATES-	32		5	WITH HERD-MATES	6	7,713	4.0	309		15	8,384	323			
										DIFF.	671-	14-			

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES' AV.			PRED. DIFF.	
AYRSHIRE				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
117504	KINGSLAND WHITE ROCK.....*											
05-12-56	113028	411624	25	NON-AI DAUS.-16	41	12,219	4.0	492				
AI STUD,	52-01	LISTED, 02-66	25	WITH HERD-MATES	41	12,219	4.0	492	30	11,345	463	
STATES-	12,14,15,16,21,23,52,								DIFF.	874	29	
63												
117528	WINDROW PREF. BRUNO.....*											
09-25-56	113342	492909	17	NON-AI DAUS.-06	36	10,267	4.3	442				
AI STUD,	31-01	LISTED, 02-66	17	WITH HERD-MATES	36	10,267	4.3	442	13	10,175	415	
STATES-	31,33,35								DIFF.	92	27	
117706	QUIET VALLEY BEN-S ACE.....*											
01-12-57	115588	429363	13	NON-AI DAUS.-04	27	13,348	4.0	529				
AI STUD,	51-02	LISTED, 02-66	13	WITH HERD-MATES	27	13,348	4.0	529	24	11,704	474	
STATES-	14,15,23								DIFF.	1,644	55	
117839	GREENRANGE HIT PARADE.....*											
10-19-56	78249	466917	14	NON-AI DAUS.-02	34	10,895	4.3	465				
AI STUD,	23-09	LISTED, 02-66	14	WITH HERD-MATES	34	10,895	4.3	465	28	10,728	441	
STATES-	13								DIFF.	167	24	
117905	WINDROW PREFERRED IKE.....*											
02-04-57	79374	466610	63	AI DAUGHTERS-25*	114	10,549	4.1	432				
AI STUD,	48-01	LISTED, 02-66	61	WITH HERD-MATES	111	10,520	4.1	432	11	10,298	424	166 7
STATES-	47,48,73											
117912	MACKAYR MAJESTIC.....*											
10-02-56	103949	282829	28	NON-AI DAUS.-07	40	12,246	3.9	479				
AI STUD,	33-03	LISTED, 02-66	28	WITH HERD-MATES	40	12,246	3.9	479	9	11,768	471	
STATES-	23,31,33,41,93								DIFF.	478	8	
117936	SELWOOD BETTY-S COMMANDER.....*											
01-14-53	111157	560219	513	AI DAUGHTERS-25*	1061	13,198	4.1	538				
AI STUD,	21-01	LISTED, 02-66	510	WITH HERD-MATES	1052	13,215	4.1	538	20	11,350	456	1,894 83
STATES-	11,12,13,14,16,21,23,											
31,32,33,35,41,42,46,52,54,57,			14	NON-AI DAUGHTERS	29	10,780	4.1	444				
63,91,93			14	WITH HERD-MATES	29	10,780	4.1	444	17	9,743	397	
118041*											
			5	NON-AI DAUS.-03	9	7,249	4.2	307				
STATES-	21		5	WITH HERD-MATES	9	7,249	4.2	307	19	9,741	391	
									DIFF.	2,492-	84-	
118681	MEREQITH PREFERRED.....*											
03-14-57	79374	413239	88	AI DAUGHTERS-25*	121	11,083	3.9	436				
AI STUD,	33-03	LISTED, 02-66	81	WITH HERD-MATES	113	11,097	3.9	436	13	10,332	419	614 14
STATES-	11,12,13,14,15,21,23,											
31,33,34,35,42,46,50,51,52,54,			6	NON-AI DAUGHTERS	11	9,427	4.0	378				
58,61,65,73,87,91,93			6	WITH HERD-MATES	11	9,427	4.0	378	15	9,460	375	
118834	SELWOOD DEBONAIR.....*											
10-25-56	111157	570666	191	AI DAUGHTERS-25*	504	11,868	3.9	462				
AI STUD,	21-01	LISTED, 02-66	189	WITH HERD-MATES	501	11,885	3.9	463	18	11,080	443	797 21
STATES-	12,13,16,21,23,32,41,											
42,63												
118919*											
			15	AI DAUGHTERS-03	16	11,495	4.2	486				
AI STUD,	63-01	LISTED, 02-66	14	WITH HERD-MATES	15	11,617	4.2	485	6	10,154	427	595 24
STATES-	33,63											
119066*											
			5	NON-AI DAUS.-04	11	9,950	4.2	422				
STATES-	21,23,50,55		5	WITH HERD-MATES	11	9,950	4.2	422	18	9,987	392	
									DIFF.	37-	30	
119160	SELWOOD WALNUT-S VICTORY IMP.....*											
09-12-56	117225	574330	32	NON-AI DAUS.-05	57	12,536	4.2	528				
AI STUD,	51-02	LISTED, 02-66	31	WITH HERD-MATES	56	12,518	4.2	527	10	13,721	563	
STATES-	23,31,33,34								DIFF.	1,203-	36-	
119180	VALHALA SPUD NICK.....*											
11-18-57	95384	458272	18	NON-AI DAUS.-04	42	13,228	4.0	533				
AI STUD,	63-01	LISTED, 02-66	18	WITH HERD-MATES	42	13,228	4.0	533	36	12,636	507	
STATES-	14,21,63								DIFF.	592	26	
119259*											
			6	NON-AI DAUS.-01	8	8,431	4.4	369				
STATES-	51		6	WITH HERD-MATES	8	8,431	4.4	369	16	9,019	380	
									DIFF.	588-	11-	
119276	WELLAWAY SATELLITE.....*											
11-28-57	79374	508636	6	NON-AI DAUS.-05	12	10,733	4.3	459				
AI STUD,	52-01	LISTED, 02-66	6	WITH HERD-MATES	12	10,733	4.3	459	28	10,338	431	
STATES-	52								DIFF.	395	28	
119293	GALNEY JACE CCIN.....*											
11-10-57	111071	403631	87	AI DAUGHTERS-25*	174	11,472	3.9	452				
AI STUD,	21-01	LISTED, 02-66	87	WITH HERD-MATES	174	11,472	3.9	452	17	11,296	456	223 0
STATES-	12,13,21,42											
119338*											
			7	NON-AI DAUS.-04	7	9,899	4.2	415				
STATES-	12,13,14,21		7	WITH HERD-MATES	7	9,899	4.2	415	14	10,304	423	
									DIFF.	405-	8-	
119554	THE COUNT OF TOLL GATE.....*											
08-06-57	115588	269615	29	NON-AI DAUS.-09	42	12,732	4.1	518				
AI STUD,	35-75	LISTED, 02-66	29	WITH HERD-MATES	42	12,732	4.1	518	30	11,224	453	
STATES-	14,16,21,23,63								DIFF.	1,508	65	

SIRE OF DHIA DAUGHTERS

AYRSHIRE					AV. PRODUCTION RECORDS NUMBER	MILK LB	TEST %	DAU. FAT LB	ADJ. HERO-MATES AV. MILK NUMBER LB	AV. FAT LB	PRED. OIFF. MILK FAT LB LB
119673	SELWOOD GRETA-S BAY, IMP.....*										
07-30-57	119936 579546 9 NON-AI DAUS.-08				15	10,494	4.0	424			
AI STUD, 41-01	LISTED, 02-66 9 WITH HERO-MATES				15	10,494	4.0	424	8	10,753	431
STATES- 41,46									OIFF.	259-	7-
11988C	WOODHULL MODEL JACK.....*										
04-01-58	106285 466678 28 NON-AI DAUS.-07				44	12,167	4.1	499			
	LISTED, 08-65 28 WITH HERO-MATES				44	12,167	4.1	499	7	10,878	447
STATES- 32,48									OIFF.	1,289	52
120135*										
	14 NON-AI O AUS.-01				15	15,104	4.1	618			
AI STUD, 33-D3	LISTED, 02-66 14 WITH HERO-MATES				15	15,104	4.1	618	51	12,848	503
STATES- 93									DIFF.	2,256	115
120184*										
	10 AI DAUGHTERS-03				10	12,043	3.9	473			
AI STUD, 91-01	5 WITH HERO-MATES				5	11,244	4.1	458	7	12,200	488
STATES- 82,91											153- 5-
121166*										
	5 NON-AI DAUS.-03				5	9,298	3.7	342			
STATES- 21,42	5 WITH HERO-MATES				5	9,298	3.7	342	27	10,332	402
									OIFF.	1,034-	60-
121372*										
	6 NON-AI DAUS.-01				8	9,565	3.8	361			
STATES- 31	6 WITH HERO-MATES				8	9,565	3.8	361	7	10,140	381
									DIFF.	575-	20-
121391*										
	7 NON-AI DAUS.-01				10	8,281	4.3	354			
STATES- 14	7 WITH HERO-MATES				10	8,281	4.3	354	23	8,256	339
									OIFF.	25	15
121738	AYR-LINE FASHION GARY.....*										
05-01-59	106285 449853 19 AI DAUGHTERS-10				21	11,287	4.0	456			
AI STUD, 48-01	LISTED, 02-66 17 WITH HERO-MATES				19	11,255	4.0	455	13	10,539	429
STATES- 48											339 12
121851*										
	5 NON-AI DAUS.-01				8	12,331	4.4	539			
STATES- 23	5 WITH HERO-MATES				8	12,331	4.4	539	16	10,917	457
									OIFF.	1,414	82
122124*										
	5 NON-AI DAUS.-01				5	12,268	3.7	459			
STATES- 58	5 WITH HERO-MATES				5	12,268	3.7	459	58	11,716	442
									DIFF.	552	17
122247*										
	8 NON-AI O AUS.-01				8	9,673	3.8	371			
STATES- 21	8 WITH HERO-MATES				8	9,673	3.8	371	36	9,664	362
									DIFF.	9	9
122311*										
	5 NON-AI DAUS.-02				5	10,802	4.1	446			
STATES- 41	5 WITH HERO-MATES				5	10,802	4.1	446	13	9,844	383
									OIFF.	958	63
122317*										
	5 NON-AI DAUS.-02				6	10,572	4.1	429			
STATES- 21	5 WITH HERO-MATES				6	10,572	4.1	429	47	13,265	513
									DIFF.	2,693-	84-
122442*										
	6 NON-AI DAUS.-03				6	11,578	4.5	523			
STATES- 52	5 WITH HERO-MATES				5	12,388	4.5	557	20	11,538	471
									DIFF.	850	86
122483*										
	5 NON-AI DAUS.-02				7	9,908	4.3	425			
STATES- 16,52	5 WITH HERO-MATES				7	9,908	4.3	425	31	11,129	466
									DIFF.	1,221-	41-
122484*										
	6 NON-AI DAUS.-05				6	9,767	3.9	380			
STATES- 14,15,16,23	6 WITH HERO-MATES				6	9,767	3.9	380	23	9,988	407
									DIFF.	221-	27-
122486*										
	5 NON-AI DAUS.-01				6	10,410	3.6	378			
STATES- 58	5 WITH HERO-MATES				6	10,410	3.6	378	23	10,011	376
									DIFF.	399	2
122582	MACKAYR MAID-S RDYALTY.....*										
09-30-59	116767 454523 11 NON-AI DAUS.-01				11	14,058	3.8	532			
	LISTED, 02-66 11 WITH HERO-MATES				11	14,058	3.8	532	13	10,753	428
STATES- 31									DIFF.	3,305	104
122636	VALHALA WAR LEADER.....*										
02-25-6C	62636 539192 42 AI DAUGHTERS-25*				43	12,023	4.1	493			
AI STUD, 21-01	LISTED, 02-66 42 WITH HERO-MATES				43	12,023	4.1	493	19	11,468	461
STATES- 12,13,21,65											454 24
122638*										
	6 NON-AI DAUS.-01				6	8,015	4.2	336			
STATES- 41	6 WITH HERO-MATES				6	8,015	4.2	336	7	8,983	359
									OIFF.	968-	23-
122727*										
	5 NON-AI DAUS.-01				5	13,368	4.2	563			
STATES- 81	5 WITH HERO-MATES				5	13,368	4.2	563	22	11,014	458
									DIFF.	2,354	105

SIRES OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES		AV.		PRED. DIFF.	
AYRSHIRE				RECORDS	MILK	TEST	FAT	NUMBER	MILK	FAT		MILK	FAT
				NUMBER	LB	%	LB		LB	LB		LB	LB
123022*												
		6 NON-AI DAUS.-02		6	8,633	4.0	345						
STATES-	32,61	6 WITH HERD-MATES		6	8,633	4.0	345	14	8,507	337			
								DIFF.	126	8			
123266*												
		6 AI DAUGHTERS-04		6	11,695	4.1	485						
AI STUD, 23-11		6 WITH HERD-MATES		6	11,695	4.1	485	43	10,483	426		283	14
STATES-	23												
123270*												
		5 NON-AI DAUS.-01		5	11,182	4.0	445						
STATES-	63	5 WITH HERD-MATES		5	11,182	4.0	445	52	11,124	430			
								DIFF.	58	15			
123384	SELWOOD LADY-S LUCK.....*												
10-14-59	111540 620260	55 AI DAUGHTERS-25*		64	10,794	3.9	425						
AI STUD, 21-01 LISTED, 02-66		54 WITH HERD-MATES		63	10,773	3.9	425	20	11,294	458		308-	21-
STATES-	12,13,21												
123437*												
		6 NON-AI DAUS.-01		6	8,823	4.2	367						
STATES-	50	6 WITH HERD-MATES		6	8,823	4.2	367	18	9,607	391			
								DIFF.	784-	24-			
123531	WINDROW CONCENTRATION.....*												
06-18-60	79374 413404	12 AI DAUGHTERS-11		12	11,666	4.0	466						
AI STUD, 21-01 LISTED, 02-66		12 WITH HERD-MATES		12	11,666	4.0	466	23	11,593	471		75	0
STATES-	11,13,21												
123538*												
		10 NON-AI DAUS.-01		10	10,531	3.8	405						
STATES-	48	10 WITH HERD-MATES		10	10,531	3.8	405	19	10,900	425			
								DIFF.	369-	20-			
123647*												
		7 NON-AI DAUS.-01		7	8,523	3.8	328						
STATES-	74	7 WITH HERD-MATES		7	8,523	3.8	328	21	10,764	414			
								DIFF.	2,241-	86-			
123729*												
		5 NON-AI DAUS.-03		5	10,428	4.2	436						
STATES-	48,61,73	5 WITH HERD-MATES		5	10,428	4.2	436	10	11,146	446			
								DIFF.	718-	10-			
123817*												
		5 NON-AI DAUS.-02		5	7,584	4.5	342						
STATES-	11,63	5 WITH HERD-MATES		5	7,584	4.5	342	21	9,290	389			
								DIFF.	1,706-	47-			
124028*												
		6 NON-AI DAUS.-01		6	6,922	4.6	316						
STATES-	55	6 WITH HERD-MATES		6	6,922	4.6	316	13	10,753	422			
								DIFF.	3,831-	106-			
124186*												
		5 NON-AI DAUS.-01		5	13,654	3.8	524						
STATES-	34	5 WITH HERD-MATES		5	13,654	3.8	524	28	11,514	461			
								DIFF.	2,140	63			
124631*												
		5 NON-AI DAUS.-01		5	13,748	3.8	517						
STATES-	31	5 WITH HERD-MATES		5	13,748	3.8	517	10	11,594	438			
								DIFF.	2,154	79			

SIRE OF DAUGHTERS				AV. RECORDS	PRODUCTION OF OAU.			AOJ. AV.	HERO-MATES		AV. FAT	PRED. OIFF.	
GUERNSEY				NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8	
297107	FAIRLAWN H. EASTERN KING.....*												
12-20-40	189962 370838 38 NON-AI O AUS.-25*	147	9,952	4.9	489								
	LISTED, 05-65 38 WITH HERD-MATES	139	9,979	4.9	491			21	9,549	464	27		
STATES-	11,14,16,21,22,23,32, 34,43,52,56,63,74							DIFF.	430				
340511	SOUTHAMPTON MAXIM.....*												
07-09-43	301627 536049 113 NON-AI O AUS.-25*	436	9,985	4.8	476								
	LISTED, 11-63 113 WITH HERO-MATES	419	9,959	4.8	474			52	9,192	447	27		
STATES-	51,52,55,61,63,65,72							DIFF.	767				
397415	R. LANE-S PLUTO CRAT.....*												
10-20-46	264695 766940 16 NON-AI O AUS.-01	48	6,266	5.2	324								
STATES-	33 16 WITH HERD-MATES	48	6,266	5.2	324			8	7,653	381			
								OIFF.	1,387-	57-			
418002*												
	5 NON-AI O AUS.-05	9	9,562	4.6	442								
STATES-	13,41,58,65,86 5 WITH HERD-MATES	9	9,562	4.6	442			46	9,133	415	27		
								OIFF.	429				
434946	MULHOC A WAY HONEYM DON BUTTERFAT.....*												
07-29-48	415353 645840 11 NON-AI O AUS.-08	40	9,058	5.0	452								
	LISTED, 05-65 11 WITH HERD-MATES	39	9,059	5.0	451			12	9,741	477	26-		
STATES-	22,32,34,41							DIFF.	682-				
445765	FRANCHESTER FREE STERLING.....*												
01-13-49	288588 621640 269 AI O AUGTERS-25*	532	8,469	4.8	409								
AI STUO, 31-01	LISTED, 02-66 262 WITH HERO-MATES	515	8,476	4.8	410			17	8,869	413	377-	4-	
STATES-	16,23,31,32,34,56,58, 64,65,72,74,84,85												
	11 NON-AI O AUGTERS	38	9,490	4.6	440								
	11 WITH HERO-MATES	38	9,490	4.6	440			29	9,155	442			
446227	WANOAMERE ANSON-S BOND.....*												
06-08-49	298155 868370 100 NON-AI O AUS.-25*	231	10,094	4.8	486								
	LISTED, 11-63 100 WITH HERD-MATES	229	10,088	4.8	485			26	10,214	498	13-		
STATES-	21,23,31,51,52,63,91, 92							OIFF.	126-				
452075	8. H. H. VALORS MAJESTY.....*												
03-04-49	373823 867551 1369 AI O AUGTERS-25*	2994	8,643	5.0	428								
AI STUO, 23-08	LISTED, 05-65 1339 WITH HERD-MATES	2914	8,657	4.9	428			14	8,966	432	308-	4-	
STATES-	11,13,21,22,23,33,35, 48,50,51,54,55,58,65,72,73,84, 86												
	18 NON-AI O AUGTERS	61	9,377	5.0	469								
	17 WITH HERD-MATES	57	9,315	5.0	463			11	9,487	456			
453779	R. LANE-S TOP HAT.....*												
08-07-49	405970 784283 17 NON-AI O AUS.-01	58	7,021	5.0	351								
STATES-	33 17 WITH HERD-MATES	58	7,021	5.0	351			6	7,575	373	22-		
								DIFF.	554-				
454224	CURTISS CANOY FABRON.....*												
09-01-49	346065 859759 865 AI O AUGTERS-25*	2177	8,190	4.8	392								
AI STUO, 33-03	LISTED, 02-66 845 WITH HERD-MATES	2119	8,199	4.8	392			12	8,655	412	479-	21-	
STATES-	11,13,14,15,16,21,22, 23,31,32,33,34,35,41,42,43,45, 47,48,50,51,52,54,55,56,58,61, 63,64,65,71,72,73,82,84,85,86, 87,91,92,93												
459489	CURTISS CANOY BUTTERFINGER.....*												
02-08-50	409032 618836 1338 AI O AUGTERS-25*	3760	8,971	4.8	434								
AI STUO, 33-03	LISTED, 02-66 1278 WITH HERD-MATES	3582	8,970	4.8	435			13	8,693	416	242	18	
STATES-	11,12,13,14,16,21,22, 23,31,32,33,34,35,41,42,43,47, 48,50,51,52,54,55,56,58,61,63, 64,65,72,73,74,82,84,86,87,91, 92,93												
	12 NON-AI O AUGTERS	56	9,966	4.9	485								
	12 WITH HERD-MATES	51	9,956	4.9	487			13	9,039	437			
460803	LYRENE KING-S EMDRY.....*												
11-08-49	310065 787769 83 AI O AUGTERS-25*	226	9,407	5.0	475								
AI STUO, 34-01	LISTED, 08-62 78 WITH HERD-MATES	209	9,387	5.0	474			16	9,427	463	2	11	
STATES-	31,32,33,34,35												
	29 NON-AI O AUGTERS	108	10,569	5.1	539								
	28 WITH HERD-MATES	107	10,732	5.1	548			17	10,318	508			
464556	MCOONALO FARMS DON-S DXFDRO.....*												
07-12-49	387106 721075 230 AI O AUGTERS-25*	497	9,038	4.7	423								
AI STUO, 12-03	LISTED, 02-66 227 WITH HERD-MATES	485	9,057	4.7	424			12	9,116	429	44-	5-	
STATES-	11,12,13,14,15,16,21, 47												
	12 NON-AI O AUGTERS	44	10,839	4.7	507								
	10 WITH HERD-MATES	42	11,399	4.7	535			10	10,917	538			
475555	YELLOW CREEK JEWEL SUPREME.....*												
10-31-50	418022 913505 1446 AI O AUGTERS-25*	2812	10,428	4.9	516								
AI STUO, 34-01	LISTED, 02-66 1397 WITH HERD-MATES	2693	10,450	5.0	518			15	9,647	474	854	48	
STATES-	11,13,14,15,16,21,22, 23,31,32,33,34,35,41,42,43,45, 48,51,52,55,56,58,61,65,72,74, 84,85,91,93												
	43 NON-AI O AUGTERS	159	11,590	5.1	594								
	43 WITH HERO-MATES	153	11,627	5.1	596			12	9,969	506			
478566	YELLOW CREEK LAOY-S GENERAL.....*												
01-20-51	418022 461860 186 AI O AUGTERS-25*	400	9,077	4.8	434								
AI STUO, 12-03	LISTED, 02-66 181 WITH HERO-MATES	380	9,091	4.8	435			14	9,048	426	42	8	
STATES-	11,12,13,14,15,16,34, 55												
484341*												
	5 NON-AI O AUS.-03	6	7,726	4.4	338								
STATES-	73,74 5 WITH HERO-MATES	6	7,726	4.4	338			49	7,346	333			
								OIFF.	380	5			

SIRE OF DHIA DAUGHTERS

GUERNSEY					AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
					RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
485536	WESTERN GLOW C. F. DUKE.....*												
10-03-51	458786	1160645	78	AI DAUGHTERS-25*	107	9,628	4.9	476					
AI STUD, 31-01	LISTED, 02-66		75	WITH HERD-MATES	104	9,636	5.0	477	18	9,754	468	34-	10
STATES-	31,32,74,87,91,92,93												
			17	NON-AI DAUGHTERS	42	9,212	4.8	442					
			17	WITH HERD-MATES	42	9,212	4.8	442	17	9,867	484		
487020	VERMILION PRIDE-S LEADER.....*												
09-30-51	391931	587201	11	NON-AI DAUS.-01	51	8,009	4.8	386					
STATES-	33	LISTED, 08-62	11	WITH HERD-MATES	51	8,009	4.8	386	8 DIFF.	8,145 136-	393 7-		
487028	MCDONALD FARMS LE ROYALIST.....*												
02-09-51	423199	963661	285	AI DAUGHTERS-25*	536	9,158	5.0	459					
AI STUD, 31-01	LISTED, 02-66		282	WITH HERD-MATES	528	9,179	5.0	460	11	9,298	450	84-	11
STATES-	13,21,23,31,32,33,34, 35,42,72												
			14	NON-AI DAUGHTERS	39	9,488	5.1	482					
			12	WITH HERD-MATES	33	9,596	5.2	495	21	9,465	453		
489650	MEADOW LANE NOBLEMAN.....*												
09-16-51	409032	742062	681	AI DAUGHTERS-25*	810	9,500	4.7	448					
AI STUD, 35-75	LISTED, 02-66		667	WITH HERD-MATES	792	9,520	4.7	450	20	9,314	450	230	2
STATES-	13,16,21,22,23,31,32, 33,34,35,41,42,43,47,48,51,52, 55,56,57,58,61,63,64,65,72,73, 82,84,85,87,91,92,93		37	NON-AI DAUGHTERS	134	10,341	4.9	507					
			37	WITH HERD-MATES	129	10,309	4.9	505	12	9,808	492		
491487	HOMINY HILL ACHIEVEMENT.....*												
04-13-52	431647	463062	68	AI DAUGHTERS-25*	92	9,144	4.9	450					
AI STUD, 23-11	LISTED, 02-66		67	WITH HERD-MATES	91	9,157	4.9	451	22	9,486	463	216-	7-
STATES-	21,22,23												
			31	NON-AI DAUGHTERS	72	9,881	4.7	460					
			30	WITH HERD-MATES	71	9,862	4.7	459	25	9,581	464		
491754	ADOHR PETER PAN PRINCE.....*												
01-12-52	431555	670287	43	AI DAUGHTERS-10	74	11,185	4.8	540					
AI STUD, 93-02	LISTED, 02-66		43	WITH HERD-MATES	74	11,185	4.8	540	51	10,149	482	785	43
STATES-	31,33,48,84,85,86,87, 93												
493013*												
			5	NON-AI DAUS.-01	14	8,707	4.9	426					
STATES-	32		5	WITH HERD-MATES	12	8,635	4.9	422	4 DIFF.	9,246 611-	438 16-		
493175	MCDONALD FARMS FORE SCNNY.....*												
03-28-52	336450	636220	23	AI DAUGHTERS-17	36	6,943	5.0	348					
AI STUD, 61-01	LISTED, 02-66		23	WITH HERD-MATES	36	6,943	5.0	348	9	7,639	366	444-	13-
STATES-	61,63												
			18	NON-AI DAUGHTERS	36	8,893	4.8	423					
			18	WITH HERD-MATES	36	8,893	4.8	423	17	8,142	388		
493227	LANGWATER C. TROJAN.....*												
01-07-52	396896	802831	136	AI DAUGHTERS-25*	179	11,138	4.3	482					
AI STUD, 93-05	LISTED, 02-66		135	WITH HERD-MATES	178	11,146	4.3	482	22	10,554	493	650	4-
STATES-	35,42,65,73,82,84,86, 91,92,93												
493764	MULHOCWAY BEAUTY BUTTERFAT.....*												
06-15-51	453191	889728	411	AI DAUGHTERS-25*	670	9,250	4.9	454					
AI STUD, 31-02	LISTED, 02-66		409	WITH HERD-MATES	667	9,257	4.9	455	25	9,431	448	125-	9
STATES-	12,14,16,21,22,23,31, 32,33,34,43,51,52,54,55,56,57, 58,61,64,65,74,81,84,87,91		71	NON-AI DAUGHTERS	252	9,715	5.0	490					
			70	WITH HERD-MATES	248	9,769	5.0	492	26	9,789	477		
494290	MULHOCWAY BEAUTY APOLLO.....*												
12-21-51	453191	873842	53	AI DAUGHTERS-24	108	8,424	4.7	392					
AI STUD, 63-02	LISTED, 02-66		47	WITH HERD-MATES	97	8,496	4.7	396	20	8,424	393	10	0
STATES-	51,52,55,56,58,61,63, 65		17	NON-AI DAUGHTERS	55	8,038	4.6	372					
			17	WITH HERD-MATES	54	8,024	4.6	370	33	8,278	389		
494515	QUINCY CAVALIER-S GAY LARK.....*												
04-27-52	448935	1079035	64	AI DAUGHTERS-25*	123	8,729	4.9	432					
AI STUD, 63-01	LISTED, 02-66		62	WITH HERD-MATES	119	8,697	5.0	431	20	8,343	395	218	25
STATES-	33,52,58,61,63												
495454	CURTISS CANDY DUKE CURTISS.....*												
09-04-52	459489	1044726	327	AI DAUGHTERS-25*	750	8,808	4.9	434					
AI STUD, 33-03	LISTED, 02-66		319	WITH HERD-MATES	736	8,804	4.9	434	15	8,994	429	180-	5
STATES-	11,12,13,14,15,16,21, 22,23,31,32,33,34,35,41,42,43, 47,48,50,51,52,54,57,58,72,74, 82,84,87,91,92,93		8	NON-AI DAUGHTERS	23	9,780	4.8	469					
			8	WITH HERD-MATES	23	9,780	4.8	469	16	9,569	470		
495827	FAR WEST ROYAL VAGABOND.....*												
06-24-52	417805	965395	227	AI DAUGHTERS-25*	418	9,723	4.6	452					
AI STUD, 92-01	LISTED, 05-65		211	WITH HERD-MATES	387	9,693	4.6	450	10	9,360	446	337	5
STATES-	41,45,83,86,87,92												
496783	NYALA ERNINE-S BONANZA.....*												
03-26-52	411313	662789	1142	AI DAUGHTERS-25*	2133	10,318	5.0	512					
AI STUD, 42-08	LISTED, 02-66		1141	WITH HERD-MATES	2129	10,317	5.0	512	24	10,017	484	394	33
STATES-	11,12,13,14,15,16,21, 22,23,31,32,33,34,35,41,42,43, 46,47,48,50,51,52,54,55,56,57, 58,61,63,71,72,73,74,81,82,84, 85,86,91,92,93		41	NON-AI DAUGHTERS	156	11,223	4.9	552					
			41	WITH HERD-MATES	150	11,267	4.9	554	12	10,265	499		

SIRE OF DHIA DAUGHTERS

GUERNSEY				AV. RECORDS	PRODUCTION	OF	DAU.	ADJ.	HERD-MATES	AV.	PRED.	DIFF.
				NUMBER	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
					L8	%	L8		L8	L8	L8	L8
497409	FAIRLAWN K. PRINCETON.....*											
05-22-52	297107	1081063	61	AI DAUGHTERS-25*	97	8,818	4.7	411				
AI STUD, 41-25	LISTED, 02-66		61	WITH HERD-MATES	97	8,818	4.7	411	12	8,925	432	87- 16-
STATES- 35,41,45												
			36	NON-AI DAUGHTERS	117	9,463	4.6	439				
			35	WITH HERD-MATES	114	9,466	4.6	440	25	9,066	431	
497411	FAIRLAWN ACTOR-S ACME.....*											
05-29-52	322785	1097431	18	AI DAUGHTERS-14	18	9,570	4.5	429				
AI STUD, 23-11	LISTED, 02-66		18	WITH HERD-MATES	18	9,570	4.5	429	11	9,200	444	184 6-
STATES- 16,22,23,51,54,55,61,64												
			59	NON-AI DAUGHTERS	159	10,140	4.6	462				
			59	WITH HERD-MATES	158	10,145	4.6	462	16	9,456	446	
499468	LISETER BRILLIANT.....*											
07-15-52	387105	1178535	279	AI DAUGHTERS-25*	407	9,415	5.0	472				
AI STUD, 51-02	LISTED, 02-66		278	WITH HERD-MATES	406	9,424	5.0	472	22	9,456	467	12 8
STATES- 13,14,16,21,23,31,32,35,48,51,52,54,55,56,63,91,93												
			48	NON-AI DAUGHTERS	122	10,014	5.0	505				
			47	WITH HERD-MATES	121	9,967	5.1	504	18	10,352	508	
499561	BRADFORD-S EDITH PAT.....*											
07-27-52	477761	1108809	284	AI DAUGHTERS-25*	484	9,678	5.1	489				
AI STUD, 34-01	LISTED, 02-66		267	WITH HERD-MATES	451	9,702	5.1	491	13	9,460	461	268 31
STATES- 31,33,34,35												
			19	NON-AI DAUGHTERS	71	10,433	5.6	581				
			19	WITH HERD-MATES	71	10,433	5.6	581	7	9,685	495	
499957	8AYVILLE MARVELOUS GENERAL.....*											
11-08-52	337933	1005007	206	AI DAUGHTERS-25*	280	8,525	5.0	429				
AI STUD, 52-01	LISTED, 02-66		198	WITH HERD-MATES	263	8,506	5.0	429	16	8,839	423	317- 5
STATES- 23,52,55,57												
			41	NON-AI DAUGHTERS	127	9,896	5.2	513				
			41	WITH HERD-MATES	127	9,896	5.2	513	24	9,863	483	
500101	GOLDEN HARVEST KING COLE.....*											
01-11-52	407921	941910	665	AI DAUGHTERS-25*	922	9,215	5.1	472				
AI STUD, 23-09	LISTED, 02-66		659	WITH HERD-MATES	913	9,230	5.1	472	16	9,217	445	33 28
STATES- 16,21,23,35,50,51,57,72,84												
			36	NON-AI DAUGHTERS	110	10,688	5.2	556				
			35	WITH HERD-MATES	108	10,773	5.2	561	18	10,730	528	
500883*											
STATES- 56			6	NON-AI DAUS.-03	9	8,141	4.4	362				
			6	WITH HERD-MATES	9	8,141	4.4	362	23	9,030	408	DIFF. 889- 46-
501586	WASHOUGAL CADET MAJESTY.....*											
03-02-53	379905	1280460	10	AI DAUGHTERS-10	10	10,761	4.7	510				
AI STUD, 35-75	LISTED, 02-66		10	WITH HERD-MATES	10	10,761	4.7	510	16	10,018	483	281 11
STATES- 35,52,57,58,91,92												
			32	NON-AI DAUGHTERS	113	10,103	4.8	486				
			32	WITH HERD-MATES	112	10,098	4.8	486	12	9,776	461	
502979	ROES-MOR FLAME DIAMOND.....*											
11-26-52	318218	1062959	92	AI DAUGHTERS-25*	188	9,174	4.7	429				
AI STUD, 31-01	LISTED, 02-66		87	WITH HERD-MATES	176	9,184	4.7	431	11	9,142	443	46 9-
STATES- 32,33,65												
503512	FAIRLAWN K. PHARAOH.....*											
05-15-53	297107	999963	399	AI DAUGHTERS-25*	854	9,544	4.9	471				
AI STUD, 21-01	LISTED, 02-66		382	WITH HERD-MATES	819	9,567	4.9	473	18	9,296	442	285 30
STATES- 13,16,21,22,23,32,55,65												
504556	EDISTO FARMS PRINCE-S SARGON.....*											
04-15-53	480378	1222143	30	AI DAUGHTERS-19	30	9,784	4.6	448				
AI STUD, 52-01	LISTED, 02-66		29	WITH HERD-MATES	29	9,750	4.6	447	15	9,208	444	332 3
STATES- 23,52,57,58												
			12	NON-AI DAUGHTERS	20	8,161	4.8	394				
			12	WITH HERD-MATES	20	8,161	4.8	394	28	8,951	428	
504931	ADOHR HORNET-S PRECISION.....*											
02-05-53	467419	1199690	73	AI DAUGHTERS-25*	86	9,793	4.4	433				
AI STUD, 35-02	LISTED, 02-66		73	WITH HERD-MATES	86	9,793	4.4	433	16	9,721	466	113 23-
STATES- 35,41,72,93												
			18	NON-AI DAUGHTERS	25	11,009	4.9	534				
			16	WITH HERD-MATES	23	11,037	4.8	534	7	10,284	485	
504932	NYALA PRINCE-S LADDIE.....*											
04-06-53	389915	1153078	28	AI DAUGHTERS-22	28	9,962	5.0	494				
AI STUD, 16-04	LISTED, 02-66		26	WITH HERD-MATES	26	10,057	5.0	504	20	10,218	496	23- 8
STATES- 13,14,16,22,23,52,56,65												
			48	NON-AI DAUGHTERS	130	10,628	4.9	516				
			48	WITH HERD-MATES	129	10,622	4.8	515	18	10,294	496	
505970	OLD HOMESTEAD C.A.A. PHAREKA.....*											
04-24-53	298216	1075438	449	AI DAUGHTERS-25*	917	10,879	4.6	499				
AI STUD, 16-04	LISTED, 02-66		414	WITH HERD-MATES	849	10,920	4.6	502	15	9,609	466	1,308 38
STATES- 12,13,14,15,16,21,56,57												
506918	LAKE LOUISE ROSE HOLLISTAR.....*											
04-28-53	288632	1076367	103	AI DAUGHTERS-25*	172	9,740	5.1	496				
AI STUD, 34-01	LISTED, 02-66		100	WITH HERD-MATES	167	9,750	5.1	498	25	9,579	471	191 26
STATES- 16,23,32,33,34,35,50,52,56,57,65,74,82,91												
			46	NON-AI DAUGHTERS	122	9,550	5.1	487				
			46	WITH HERD-MATES	122	9,550	5.1	487	36	9,394	456	

SIRE OF OHIA DAUGHTERS

GUERNSEY				AV. PRODUCTION OF DAU.				ADJ. HERO-MATES AV.			PRED. DIFF.	
				RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
507339	B. H. H. MAJESTY-S JOE.....*											
11-02-53	452075 1192763	38	AI DAUGHTERS-22	48	9,136	5.0	453					
AI STUO, 11-01	LISTED, 02-66	38	WITH HERD-MATES	48	9,136	5.0	453	12	9,623	462	278-	4-
STATES- 11,13												
		14	NON-AI DAUGHTERS	44	9,338	5.3	492					
		14	WITH HERD-MATES	44	9,338	5.3	492	7	9,589	464		
508809	LOCKSHORE MAXIM LOCHINVAR.....*											
09-18-53	474442 1152177	100	AI DAUGHTERS-25*	137	9,016	5.0	453					
AI STUO, 34-01	LISTED, 02-66	100	WITH HERD-MATES	137	9,016	5.0	453	21	9,822	479	603-	17-
STATES- 32,33,34,35												
		29	NON-AI DAUGHTERS	70	9,775	4.9	478					
		29	WITH HERD-MATES	70	9,775	4.9	478	41	10,500	497		
508870	PLATTICO FLASHER.....*											
01-02-54	493227 905548	69	AI DAUGHTERS-11	79	11,711	4.5	525					
AI STUO, 93-05	LISTED, 02-66	69	WITH HERD-MATES	79	11,711	4.5	525	19	11,346	517	464	13
STATES- 35,42,82,86,91,93												
509779	WILLOW SPRING NOBLE KING.....*											
04-18-53	453191 932926	97	AI DAUGHTERS-25*	185	9,336	4.8	445					
AI STUO, 35-75	LISTED, 08-64	96	WITH HERD-MATES	184	9,336	4.8	445	20	9,466	452	69-	4-
STATES- 13,21,22,23,31,32,33,												
34,51,52,55,56,57,58,63,64,65,		32	NON-AI DAUGHTERS	113	10,232	4.9	503					
72,84		32	WITH HERD-MATES	109	10,222	4.9	503	14	10,075	502		
510014	HAZELWOOD HIGH ZENITH.....*											
04-29-53	452071 764787	29	AI DAUGHTERS-04	50	10,624	5.0	526					
AI STUO, 93-10	LISTED, 02-66	29	WITH HERD-MATES	50	10,624	5.0	526	28	10,170	499	337	20
STATES- 93												
		32	NON-AI DAUGHTERS	120	12,591	4.6	578					
		32	WITH HERD-MATES	120	12,591	4.6	578	14	11,712	552		
510634	FAIRLAWN K. FORTUNE.....*											
12-19-53	297107 1265185	74	NON-AI DAUGHTERS-25*	170	10,302	4.7	484					
AI STUO, 51-02	LISTED, 02-66	74	WITH HERD-MATES	170	10,302	4.7	484	27	9,731	465		
STATES- 16,21,22,23,31,33,35,								DIFF.	571	19		
43,50,51,54,55,56,58,65,93												
511244	BURGER-S PLACE BILLY.....*											
10-24-53	454224 1278008	1000	AI DAUGHTERS-25*	1115	10,543	4.6	489					
AI STUO, 35-75	LISTED, 02-66	996	WITH HERD-MATES	1108	10,555	4.6	490	29	9,797	471	820	23
STATES- 13,14,16,21,22,23,31,												
32,33,34,35,41,42,43,45,46,47,		71	NON-AI DAUGHTERS	212	12,398	4.6	565					
48,51,52,55,56,57,58,61,63,64,		71	WITH HERD-MATES	211	12,402	4.6	565	19	11,200	523		
65,73,74,82,83,84,85,86,87,91,												
92,93												
511435	HOMINY HILL GAGE.....*											
02-18-54	453762 1037559	113	AI DAUGHTERS-25*	142	9,625	4.7	450					
AI STUO, 31-01	LISTED, 02-66	111	WITH HERD-MATES	140	9,598	4.7	449	14	9,249	439	317	9
STATES- 31,34,74,84												
		27	NON-AI DAUGHTERS	70	9,369	4.8	448					
		27	WITH HERD-MATES	68	9,363	4.8	447	12	9,779	466		
512142	STRINGTOWN N. TALENT.....*											
04-21-54	494885 865539	16	AI DAUGHTERS-10	26	8,221	4.8	392					
AI STUO, 41-25	LISTED, 02-66	14	WITH HERD-MATES	24	7,886	4.9	387	14	8,521	406	281-	9-
STATES- 42,47												
		9	NON-AI DAUGHTERS	10	7,864	4.8	378					
		9	WITH HERD-MATES	10	7,864	4.8	378	5	8,727	420		
512281	GOLDEN GRANGE P. CORPORAL.....*											
05-24-53	463332 1263988	24	NON-AI DAUGHTERS-15	62	9,575	5.2	496					
AI STUO, 72-01	LISTED, 02-66	24	WITH HERD-MATES	62	9,575	5.2	496	15	9,604	476		
STATES- 21,23,32,33,61,63,72								DIFF.	29-	20		
512569	FOREMOST FOOTPRINT-S SUPERIOR.....*											
03-06-54	351131 1316686	36	AI DAUGHTERS-18	48	9,458	4.9	468					
AI STUO, 33-02	LISTED, 02-66	35	WITH HERD-MATES	47	9,552	5.0	474	11	9,366	453	141	15
STATES- 31,33,43												
		13	NON-AI DAUGHTERS	49	9,599	5.0	476					
		13	WITH HERD-MATES	49	9,599	5.0	476	7	9,511	461		
512974	HENSLEE FARMS V. FAME.....*											
02-07-54	458786 1408844	955	AI DAUGHTERS-25*	1158	10,205	4.7	475					
AI STUO, 33-03	LISTED, 02-66	951	WITH HERD-MATES	1153	10,219	4.6	475	24	9,804	469	485	10
STATES- 11,12,13,14,15,16,21,												
22,23,31,32,33,34,35,41,42,43,		84	NON-AI DAUGHTERS	181	9,255	4.5	417					
46,47,48,50,51,52,54,55,56,58,		83	WITH HERD-MATES	180	9,284	4.5	418	23	8,525	392		
61,63,64,65,71,72,73,74,81,82,												
85,86,87,91,92,93												
513566*											
STATES- 23		5	NON-AI DAUGHTERS-03	9	9,293	4.4	410					
		5	WITH HERD-MATES	9	9,293	4.4	410	41	8,999	430		
								DIFF.	294	20-		
513571	NYALA KING-S FINANCIER.....*											
12-22-53	480123 849123	66	AI DAUGHTERS-25*	100	8,689	4.6	398					
AI STUO, 12-03	LISTED, 02-66	64	WITH HERD-MATES	98	8,624	4.6	395	17	9,077	423	339-	21-
STATES- 12,13,14,16,21,23												
		21	NON-AI DAUGHTERS	54	9,323	4.7	442					
		21	WITH HERD-MATES	53	9,305	4.7	440	13	9,872	486		

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PROD. DIFF.	
GUERNSEY				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
521383	FAIRLAWN	ACTOR-S VALIANT.....										
03-17-55	322785	1406701	170	AI DAUGHTERS-25*	360	9,170	4.9	445				
AI STUD, 11-01	LISTED, 02-66	146	WITH HERD-MATES	315	9,272	4.9	450		12	9,235	444	53
STATES- 11												7
521577	BRANTVIEW	BUTTERFAT MATTHEW.....*										
04-02-55	493764	1484563	36	AI DAUGHTERS-21	46	8,907	4.9	437				
AI STUD, 12-03	LISTED, 02-66	36	WITH HERD-MATES	46	8,907	4.9	437		14	9,859	470	556-
STATES- 12,13,14,15,21,22,23												19-
			13	NON-AI DAUGHTERS	38	9,598	5.0	481				
			13	WITH HERD-MATES	38	9,598	5.0	481		12	9,484	458
521589	BLUFF VIEW	KING SUPERIOR.....										
05-25-55	329184	1224403	11	AI DAUGHTERS-03	15	8,758	4.5	392				
AI STUD, 65-02	LISTED, 02-66	11	WITH HERD-MATES	15	8,758	4.5	392		8	8,222	374	162
STATES- 65,74												5
			14	NON-AI DAUGHTERS	27	8,983	4.6	412				
			14	WITH HERD-MATES	27	8,983	4.6	412		38	8,728	390
521780	VALLEY CAKS	HORNET-S SPARTAN.....										
04-25-55	467419	1372616	47	AI DAUGHTERS-10	87	8,778	5.0	439				
AI STUD, 93-01	LISTED, 02-66	47	WITH HERD-MATES	87	8,778	5.0	439		38	9,166	439	261-
STATES- 71,93												1
522508	GRANDVU	MEL HOUEANIE.....										
04-30-55	413927	986006	26	NON-AI DAUS.-03	69	10,411	5.1	533				
AI STUD, 42-02	LISTED, 02-66	26	WITH HERD-MATES	69	10,411	5.1	533		7	10,590	523	
STATES- 35,41									DIFF.	179-	10	
522682	WESTERN GLOW	BUTTERFAT MASTER.....*										
07-28-55	511205	1368765	56	AI DAUGHTERS-25*	145	8,484	4.9	419				
AI STUD, 35-05	LISTED, 02-66	56	WITH HERD-MATES	145	8,484	4.9	419		12	9,093	429	442-
STATES- 22,35,41,91,92												7-
			16	NON-AI DAUGHTERS	38	8,877	5.0	442				
			16	WITH HERD-MATES	38	8,877	5.0	442		15	9,437	453
522908	IDEAL-S	PATTY-S SUPERIOR.....*										
06-22-55	448080	1302126	265	AI DAUGHTERS-25*	272	9,389	4.8	448				
AI STUD, 23-09	LISTED, 02-66	262	WITH HERD-MATES	269	9,388	4.8	448		18	9,454	461	20-
STATES- 23,50,51,52,56,58												9-
			50	NON-AI DAUGHTERS	106	10,793	5.0	544				
			50	WITH HERD-MATES	106	10,793	5.0	544		20	10,922	545
523716	CASTLE BROOK	VELOURS LEADER.....*										
11-15-55	502634	1148415	44	AI DAUGHTERS-12	93	8,575	4.5	387				
AI STUD, 65-02	LISTED, 02-66	38	WITH HERD-MATES	84	8,648	4.6	394		23	8,923	411	185-
STATES- 65,72												12-
524257	NORTHERN ASTORS	MAJESTY.....*										
12-21-55	464488	1252008	30	NON-AI DAUS.-02	90	11,186	4.8	539				
AI STUD, 63-01	LISTED, 02-66	30	WITH HERD-MATES	90	11,186	4.8	539		7	11,666	561	
STATES- 16,63									DIFF.	480-	22-	
524409*											
			10	NON-AI DAUS.-02	15	10,469	4.8	506				
STATES- 63			10	WITH HERD-MATES	15	10,469	4.8	506		17	9,289	441
									DIFF.	1,180	65	
524656	HOMINY HILL	DISTINCTION.....*										
01-31-56	422711	1011145	40	NON-AI DAUS.-08	72	11,987	5.0	604				
AI STUD, 51-02	LISTED, 02-66	40	WITH HERD-MATES	72	11,987	5.0	604		22	12,069	579	
STATES- 21,23,31									DIFF.	82-	25	
524759	NORTHERN ADMIRAL-S	KIP.....*										
01-31-56	452274	1585978	9	NON-AI DAUS.-04	14	12,046	4.9	595				
AI STUD, 35-75	LISTED, 02-66	9	WITH HERD-MATES	14	12,046	4.9	595		17	11,334	549	
STATES- 11,12,31,58									DIFF.	712	46	
524985*											
			5	NON-AI DAUS.-02	5	9,158	4.4	403				
STATES- 72,74			5	WITH HERD-MATES	5	9,158	4.4	403		22	8,746	386
									DIFF.	412	17	
524993	MCDONALD FARMS	JOLLY VERN.....*										
11-22-54	439537	1609529	109	AI DAUGHTERS-25*	113	9,473	5.1	482				
AI STUD, 33-03	LISTED, 02-66	109	WITH HERD-MATES	112	9,466	5.1	482		21	9,962	486	338-
STATES- 11,13,14,21,22,23,31,												2
32,33,35,41,47,48,50,51,52,55,			47	NON-AI DAUGHTERS	125	9,413	5.4	513				
56,57,58,61,63,73,91			46	WITH HERD-MATES	121	9,471	5.4	516		13	9,964	504
525125*											
			5	NON-AI DAUS.-03	11	8,523	5.0	427				
STATES- 21,72			5	WITH HERD-MATES	11	8,523	5.0	427		8	8,965	422
									DIFF.	442-	5	
525381	HOMINY HILL	IMPERIAL.....*										
02-04-56	422711	1505185	41	NON-AI DAUS.-06	93	10,703	4.5	482				
AI STUD, 23-09	LISTED, 02-66	41	WITH HERD-MATES	93	10,703	4.5	482		25	10,133	485	
STATES- 23									DIFF.	570	3-	
525463	COLBY-S	MR MINNIE.....*										
11-15-55	475416	1104226	69	NON-AI DAUS.-25*	139	9,562	5.1	492				
AI STUD, 34-01	LISTED, 02-66	69	WITH HERD-MATES	139	9,562	5.1	492		20	9,279	455	
STATES- 23,34,35,41,45,84,92									DIFF.	283	37	
525969	BETHANY WISTAR-S	H. MONOR.....*										
12-13-55	416480	837157	212	AI DAUGHTERS-25*	406	9,523	4.9	470				
AI STUD, 23-11	LISTED, 02-66	202	WITH HERD-MATES	390	9,651	4.9	477		18	9,580	474	117
STATES- 23,52												7

SIRE'S OF DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
GUERNSEY				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
526092	*****											
STATES-	42	5	NON-AI DAUS.-03	5	9,298	5.0	468					
		5	WITH HERD-MATES	5	9,298	5.0	468	12	10,228	485		
								DIFF.	930-	17-		
526134	DENNIS FARM FORE JULIUS*****											
10-28-55	449173	1283142	32	AI DAUGHTERS-25*	36	8,814	4.9	436				
AI STUD, 35-02	LISTED, 02-66		32	WITH HERD-MATES	36	8,814	4.9	436	15	9,514	459	399-
STATES-	33,35											12-
			20	NON-AI DAUGHTERS	60	10,298	5.0	519				
			20	WITH HERD-MATES	60	10,298	5.0	519	5	10,115	485	
526294	NYALA MAJESTY-S ACME*****											
12-24-55	332819	1352408	259	AI DAUGHTERS-25*	531	9,962	4.7	470				
AI STUD, 16-04	LISTED, 02-66		253	WITH HERD-MATES	522	9,955	4.7	470	17	9,462	457	499
STATES-	13,14,15,16,21,23,57,73											15
526508	ROUGILLA LEVITY BARON*****											
09-20-55	385485	1359099	109	AI DAUGHTERS-25*	233	9,213	4.8	443				
AI STUD, 11-01	LISTED, 02-66		103	WITH HERD-MATES	215	9,213	4.8	443	13	9,200	443	28
STATES-	11											1
526592	IDEAL-S TILDA-S SUPERICR*****											
09-23-55	448080	950446	64	NON-AI DAUS.-12	118	9,438	5.0	475				
AI STUD, 35-75	LISTED, 02-66		64	WITH HERO-MATES	118	9,438	5.0	475	26	9,302	439	
STATES-	23,51,52,55								DIFF.	136	36	
526747	YELLOW CREEK S HANDY MAN*****											
12-12-55	475595	1222895	38	NON-AI DAUS.-20	99	10,220	5.1	526				
AI STUD, 51-02	LISTED, 05-65		38	WITH HERD-MATES	98	10,216	5.1	526	14	10,342	523	
STATES-	32,34,35,48,51,54								DIFF.	126-	3	
526870	MCDONALD FARMS ROYAL ZEBO*****											
02-09-56	470604	1425630	15	AI DAUGHTERS-13	15	9,637	4.9	473				
AI STUD, 35-02	LISTED, 02-66		14	WITH HERD-MATES	14	9,589	4.9	471	15	9,899	482	90-
STATES-	31,35,56											2-
			36	NON-AI DAUGHTERS	77	10,578	4.8	513				
			36	WITH HERD-MATES	77	10,578	4.8	513	19	10,183	489	
527413	MULHOCWAY 8 MAGISTRATE*****											
01-16-56	493764	1466585	33	NON-AI DAUS.-10	72	9,087	5.1	465				
AI STUD, 41-01	LISTED, 02-66		33	WITH HERD-MATES	71	9,043	5.1	463	11	9,053	437	
STATES-	35,41								DIFF.	10-	26	
527422	*****											
STATES-	41	5	NON-AI DAUS.-01	5	7,510	4.7	356					
		5	WITH HERD-MATES	5	7,510	4.7	356	5	9,208	427		
									DIFF.	1,698-	71-	
527534	IDEAL-S TRISUPER*****											
01-10-55	448080	1359994	100	NON-AI DAUS.-25*	177	10,656	5.2	549				
AI STUD, 33-03	LISTED, 02-66		100	WITH HERD-MATES	177	10,656	5.2	549	98	10,522	538	
STATES-	16,21,22,23,32,33,35,52,55,58								DIFF.	134	11	
527799	FINCH-S LA FAYETTE*****											
03-29-56	430189	1145914	102	AI DAUGHTERS-25*	233	9,420	4.7	442				
AI STUD, 35-02	LISTED, 02-66		99	WITH HERD-MATES	230	9,426	4.7	443	15	9,212	444	195
STATES-	34,35,72											1
527801	HOLLIKNOLL CHALLENGER*****											
05-20-56	508604	855998	23	NON-AI DAUS.-06	56	10,274	5.1	520				
AI STUD, 52-01	LISTED, 02-66		23	WITH HERD-MATES	56	10,274	5.1	520	21	9,725	489	
STATES-	52,63								DIFF.	549	31	
527802	HOLLIKNOLL CAPTAIN*****											
05-31-56	510634	1245016	79	NON-AI DAUS.-14	143	10,899	4.7	507				
AI STUD, 31-02	LISTED, 02-66		79	WITH HERD-MATES	143	10,899	4.7	507	60	10,453	506	
STATES-	21,23,52,55,57,63								DIFF.	446	1	
527893	*****											
STATES-	43	14	NON-AI DAUS.-01	14	12,526	4.8	602					
		14	WITH HERD-MATES	14	12,526	4.8	602	41	12,314	598		
									DIFF.	212	4	
528225	MCDONALD FARMS SUPREME DEANIE*****											
01-06-56	503925	1690147	11	AI DAUGHTERS-11	11	8,803	4.7	410				
AI STUD, 33-03	LISTED, 02-66		11	WITH HERD-MATES	11	8,803	4.7	410	18	9,401	442	198-
STATES-	11,13,23,33,34,35,41,64											11-
			32	NON-AI DAUGHTERS	100	10,494	4.8	500				
			32	WITH HERD-MATES	98	10,498	4.8	500	11	9,945	464	
528424	YELLOW CREEK NOBLE CHIEF*****											
02-18-56	509779	1581532	105	AI DAUGHTERS-25*	106	10,924	4.9	540				
AI STUD, 34-01	LISTED, 02-66		103	WITH HERD-MATES	104	10,965	5.0	543	16	10,200	508	741
STATES-	23,31,32,33,34,35,48,73,84											36
			33	NON-AI DAUGHTERS	94	12,020	4.8	572				
			33	WITH HERD-MATES	92	12,012	4.8	571	12	10,683	511	
528679	*****											
STATES-	56	5	NON-AI DAUS.-01	5	6,340	4.4	279					
		5	WITH HERD-MATES	5	6,340	4.4	279	28	5,636	249		
									DIFF.	704	30	
528754	YELLOW CREEK S. FORTUNE*****											
03-19-56	475595	1473505	113	AI DAUGHTERS-25*	267	10,175	5.0	510				
AI STUD, 21-01	LISTED, 02-66		104	WITH HERD-MATES	254	10,221	5.0	512	16	9,390	448	729
STATES-	13,16,21,23,56											55

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				AOJ. HERD-MATES AV.			PRED. DIFF.	
GUERNSEY				RECORDS NUMBER	MILK L8	TEST %	FAT L8	AV. NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
529456	HENSLEE FARMS VISCOUNT.....*											
07-07-56	512972 1408844	41	NON-AI DAUS.-09	95	10,479	5.1	533					
AI STUD, 35-75	LISTED, 02-66	41	WITH HERD-MATES	95	10,479	5.1	533	11	11,063	577		
STATES-	31,32,48,55,61,63							DIFF.	584-	44-		
529773	MULHOCWAY BUTTERFAT DISPATCH.....*											
05-28-56	493764 1268287	72	NON-AI DAUS.-18	124	9,769	4.9	479					
AI STUD, 33-03	LISTED, 02-66	72	WITH HERD-MATES	124	9,769	4.9	479	31	9,085	438		
STATES-	22,23,31,32,33,35,47, 48,51,52,55,63,71,91							DIFF.	684	41		
529809	MCDONALD FARMS MISTER ZELL.....*											
01-12-56	488786 873080	33	NON-AI DAUS.-13	76	10,099	5.1	518					
AI STUD, 35-75	LISTED, 02-66	33	WITH HERD-MATES	76	10,099	5.1	518	21	10,524	517		
STATES-	21,23,51							DIFF.	425-	1		
529812	LAKE LOUISE CORONATION PRINCE.....*											
06-22-56	428861 1300425	34	NON-AI DAUS.-04	72	11,259	4.6	519					
AI STUD, 23-09	LISTED, 02-66	34	WITH HERD-MATES	72	11,259	4.6	519	24	11,844	538		
STATES-	21,23,33							DIFF.	585-	19-		
529842	COLBYS SUPREME.....*											
06-05-56	516703 1237544	171	AI DAUGHTERS-25*	350	9,362	4.8	451					
AI STUD, 41-01	LISTED, 02-66	163	WITH HERD-MATES	336	9,296	4.9	451	12	8,998	443	265	8
STATES-	23,41,42,45,46											
530211	DEEP LAKE O. HOLLIKING.....*											
07-19-56	502027 1325646	16	NON-AI DAUS.-08	36	11,877	5.1	610					
AI STUD, 16-04	LISTED, 02-66	16	WITH HERD-MATES	36	11,877	5.1	610	19	11,114	550		
STATES-	16,21,22,23							DIFF.	763	60		
530291	MCDONALD FARMS JOLLY VAL.....*											
12-06-54	439587 1175197	201	AI DAUGHTERS-25*	212	9,574	5.0	478					
AI STUD, 35-05	LISTED, 02-66	200	WITH HERD-MATES	211	9,571	5.0	478	19	10,050	483	340-	0
STATES-	11,14,16,21,23,31,32, 33,35,41,42,43,47,51,52,56,58, 61,74,81,84,86,91,92,93	74	NON-AI DAUGHTERS	169	9,686	5.2	502					
		74	WITH HERD-MATES	169	9,686	5.2	502	21	10,575	517		
530504*											
		5	NON-AI DAUS.-03	5	9,454	3.9	369					
STATES-	58	5	WITH HERD-MATES	5	9,454	3.9	369	21	8,592	370		
								DIFF.	862	1-		
531081	U. OF M. G. GIANT.....*											
10-02-56	507524 1446249	55	AI DAUGHTERS-25*	74	9,563	4.9	468					
AI STUD, 41-01	LISTED, 02-66	54	WITH HERD-MATES	72	9,437	4.9	466	11	9,049	446	286	16
STATES-	41,42,46											
		15	NON-AI DAUGHTERS	41	9,473	4.9	460					
		15	WITH HERD-MATES	41	9,473	4.9	460	14	9,528	468		
531473	YELLOW CREEK S. TRAVELER.....*											
12-09-56	475595 1420891	29	NON-AI DAUS.-10	44	11,244	4.9	553					
AI STUD, 31-02	LISTED, 02-66	29	WITH HERD-MATES	44	11,244	4.9	553	10	11,056	536		
STATES-	23,31,32,34							DIFF.	188	17		
531700	OLD HOMESTEAD IMPRINT.....*											
09-27-56	398391 1380156	19	AI DAUGHTERS-09	33	8,324	4.7	389					
AI STUD, 72-01	LISTED, 02-66	19	WITH HERD-MATES	33	8,324	4.7	389	35	7,806	354	194	14
STATES-	72											
533312	IDEAL-S LUMINARY.....*											
02-27-56	452274 1329093	20	AI DAUGHTERS-12	20	8,679	4.8	417					
AI STUD, 11-01	LISTED, 02-66	20	WITH HERD-MATES	20	8,679	4.8	417	15	9,626	459	443-	20-
STATES-	11											
		52	NON-AI DAUGHTERS	126	10,437	5.0	523					
		52	WITH HERD-MATES	126	10,437	5.0	523	24	10,262	499		
533416	LOOKOUT VALLEY ROSE KING.....*											
03-19-57	395480 1480511	56	AI DAUGHTERS-22	78	8,238	5.0	412					
AI STUD, 35-04	LISTED, 02-66	55	WITH HERD-MATES	77	8,298	5.0	415	14	8,733	427	339-	9-
STATES-	35,42,47											
		20	NON-AI DAUGHTERS	54	9,137	4.9	451					
		20	WITH HERD-MATES	54	9,137	4.9	451	13	9,407	472		
533454	LUSHACRES HERMES- HAPPY FELLA.....*											
06-13-56	415425 944040	56	NON-AI DAUS.-18	125	10,210	4.7	476					
AI STUD, 41-25	LISTED, 02-66	56	WITH HERD-MATES	125	10,210	4.7	476	33	9,734	442		
STATES-	32,35,43,47,48,56,61, 73,84							DIFF.	476	34		
533555*											
		6	NON-AI DAUS.-02	11	10,699	4.7	505					
STATES-	51,58	6	WITH HERD-MATES	11	10,699	4.7	505	62	9,362	427		
								DIFF.	1,337	78		
533769	NORGERT-S ROYAL NANCE.....*											
01-13-57	473218 1427010	59	NON-AI DAUS.-14	125	12,343	4.7	585					
AI STUD, 33-03	LISTED, 02-66	59	WITH HERD-MATES	125	12,343	4.7	585	32	11,797	581		
STATES-	33,35,42,61,63,71							DIFF.	546	4		
533774	NORGERT-S ROYAL PAULSON.....*											
05-10-57	473218 1022397	98	AI DAUGHTERS-25*	151	10,012	4.5	447					
AI STUD, 33-03	LISTED, 02-66	98	WITH HERD-MATES	150	10,021	4.5	448	18	9,286	445	633	4
STATES-	11,14,15,16,21,23,31, 32,33,35,41,42,48,55,58,63,65, 82,85											
534326	GREYSTONE KING THEO.....*											
01-13-57	497410 1677745	13	NON-AI DAUS.-09	22	8,257	5.0	412					
AI STUD, 35-04	LISTED, 02-66	13	WITH HERD-MATES	21	8,226	5.0	410	21	8,488	400		
STATES-	14,21,23,35,63							DIFF.	262-	10		

SIRE'S OF DHIA DAUGHTERS					AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
GUERNSEY					RECORDS NUMBER	MILK LB	TEST %	FAT LB	AV. NUMBER	MILK LB	FAT LB	MILK LB	DIFF. LB
534613 WARDELL-S BROCKTON CHAMPION.....*													
D2-15-57 422711 1521205 21 NON-AI DAUS.-08					51	11,208	4.6	516					
AI STUD, 23-11 LISTED, 02-66 21 WITH HERO-MATES					51	11,208	4.6	516	25	11,052	523		
STATES- 22,23,58									OIFF.	156	7-		
534744 YELLOW CREEK S MAJESTY.....*													
D2-26-57 475595 1284172 11 AI DAUGHTERS-09					22	6,930	5.0	349					
AI STUD, 61-01 LISTED, 02-66 11 WITH HERD-MATES					20	6,898	5.0	346	8	7,791	377	359-	13-
STATES- 61													
534746 YELLOW CREEK 8FT. DON LEE.....*													
D4-20-57 478507 1260591 102 AI DAUGHTERS-25*					152	9,405	4.8	452					
AI STUD, 31-02 LISTED, 02-66 101 WITH HERD-MATES					151	9,407	4.8	453	25	9,373	446	59	8
STATES- 23,31,32,43,48,55,56, 58,64,71													
534976 GOLDEN GRANGE IDEAL VANGELINE.....*													
D8-20-55 424343 1103034 18 AI DAUGHTERS-15					42	9,588	4.8	458					
AI STUD, 31-01 LISTED, 02-66 18 WITH HERD-MATES					41	9,608	4.8	459	18	9,315	445	153	8
STATES- 23,31,32,34,51,58,64													
535338 WESTERN GLOW MARYANNS TRAVELER.....*													
05-16-57 522682 1140664 43 AI DAUGHTERS-25*					44	9,469	4.5	430					
AI STUD, 35-02 LISTED, 02-66 42 WITH HERD-MATES					43	9,611	4.5	436	16	9,533	464	89	16-
STATES- 35,64,65,72,81,82,86, 91,92,93					55	10,561	4.7	496					
					55	10,561	4.7	496	19	10,022	485		
535663 IDEAL-S SUSIE-S JANUS.....*													
06-15-55 506998 1459003 10 NON-AI DAUS.-04					15	9,224	4.6	427					
AI STUD, 42-02 LISTED, 02-66 10 WITH HERO-MATES					15	9,224	4.6	427	5	8,790	414		
STATES- 42									DIFF.	434	13		
535689 WESTLYNN 8. COLLEGE KING.....*													
D8-17-57 496783 1029751 75 AI DAUGHTERS-25*					122	8,749	4.8	424					
AI STUD, 48-01 LISTED, 02-66 72 WITH HERO-MATES					114	8,686	4.9	422	15	8,643	421	5	0
STATES- 42,47,48,73													
53583D													
					5	7,162	5.0	358					
STATES- 82					5	7,162	5.0	358	2	8,722	427		
									DIFF.	1,560-	69-		
53612D I. C. ROSEWDDO ROYAL IRISHMAN.....*													
07-02-57 473218 1193761 7 AI DAUGHTERS-D6					12	8,788	4.1	356					
AI STUD, 72-D1 LISTED, 02-66 7 WITH HERD-MATES					11	8,554	4.1	347	36	7,852	344	152	1-
STATES- 72													
536182 ROBERTS FARM ROYAL-S PEER.....*													
D7-29-57 438330 1459003 37 NON-AI DAUS.-05					88	11,240	4.7	523					
AI STUD, 42-02 LISTED, 02-66 37 WITH HERD-MATES					88	11,240	4.7	523	19	10,658	513		
STATES- 22,33,35									OIFF.	582	10		
536269 FLYING HORSE HARMONY ROYALMOST.....*													
05-28-57 467844 1349127 38D AI DAUGHTERS-25*					621	9,065	4.8	433					
AI STUD, 31-02 LISTED, 02-66 378 WITH HERD-MATES					617	9,066	4.8	433	27	9,304	440	197-	6-
STATES- 21,23,31,32,33,43,51, 52,55,56,58,64,71,86,91													
536393 BAYVILLE ROYAL MARSHAL.....*													
07-07-57 449539 809234 21 NON-AI DAUS.-01					35	9,824	4.8	474					
AI STUD, 52-D1 LISTED, 02-66 21 WITH HERD-MATES					35	9,824	4.8	474	33	9,732	472		
STATES- 52									DIFF.	92	2		
536475 HANSENAREIA MDTEL.....*													
11-07-57 425345 1531468 125 AI DAUGHTERS-25*					263	9,782	4.8	473					
AI STUD, 21-01 LISTED, 02-66 124 WITH HERD-MATES					258	9,774	4.8	473	17	9,516	452	266	20
STATES- 13,16,21,23,51,63													
536589 MISS LILY-S NEPTUNE.....*													
10-19-57 439587 1755572 38 NDN-AI DAUS.-D9					73	10,433	5.0	523					
AI STUD, 23-D9 LISTED, 02-66 38 WITH HERD-MATES					73	10,433	5.0	523	16	11,137	543		
STATES- 11,21,23,47,63									DIFF.	704-	20-		
536610 NDRGERTS ROYAL O. SCOTSMAN.....*													
12-22-57 473218 1600002 31 NDN-AI DAUS.-06					58	10,385	4.8	495					
AI STUD, 35-02 LISTED, 02-66 31 WITH HERD-MATES					58	10,385	4.8	495	18	9,392	458		
STATES- 33,48									DIFF.	993	37		
536658 FAIRLAWN LINARIA-S WARRIOR.....*													
D8-11-57 473833 1265185 10 AI DAUGHTERS-07					17	10,855	5.1	554					
AI STUD, 93-02 LISTED, 02-66 9 WITH HERD-MATES					16	10,387	5.2	535	26	9,651	477	248	20
STATES- 84,86,91,93													
536875 WANDERING BRDOK MO-MAR.....*													
D9-23-57 425345 1006799 297 AI DAUGHTERS-25*					503	9,296	4.9	457					
AI STUD, 16-04 LISTED, 02-66 294 WITH HERD-MATES					495	9,301	4.9	458	16	9,572	460	200-	1
STATES- 12,13,14,15,16,21,23, 73													
536977 PRESTDALE VIC-S REX.....*													
01-06-58 511627 1613591 30 NON-AI DAUS.-D3					61	9,562	4.4	425					
AI STUD, 93-05 LISTED, 02-66 30 WITH HERD-MATES					61	9,562	4.4	425	12	9,472	423		
STATES- 91,92									DIFF.	90	2		
536994 HOMINY HILL FURNESS.....*													
D9-24-57 453762 1575732 6 NON-AI DAUS.-D4					16	11,261	4.8	536					
AI STUD, 31-02 LISTED, 02-66 6 WITH HERD-MATES					16	11,261	4.8	536	22	9,919	493		
STATES- 23									DIFF.	1,342	43		
537299 GOLDEN HARVEST F GLADSTONE.....*													
D7-31-57 507847 1609367 65 AI DAUGHTERS-25*					106	9,509	4.8	455					
AI STUD, 91-13 LISTED, 02-66 63 WITH HERD-MATES					104	9,507	4.8	457	14	9,819	478	175-	12-
STATES- 82,87,91,92													

SIRE OF OHIA DAUGHTERS

GUERNSEY				AV. PRODUCTION OF OAU.				AOJ. HERD-MATES AV.			PRED. DIFF.	
				RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
537301	GOLDEN HARVEST KING-S	GOURMET.....*										
08-21-57	407921	1492619	147	AI OUGHTERS-25*	263	9,571	5.1	488				
AI STUD,	23-11	LISTED, 02-66	145	WITH HERD-MATES	257	9,541	5.1	487	17	9,137	449	366 35
STATES-	22,23,56,58											
537347	FRANCHESTER TRANSFER-S	JESTER.....*										
07-10-57	453207	734290	110	AI OUGHTERS-25*	170	9,054	4.8	439				
AI STUD,	31-01	LISTED, 02-66	109	WITH HERO-MATES	169	9,050	4.9	440	24	9,645	466	448- 19-
STATES-	16,22,23,31,35,63,74,											
84			10	NCN-AI DAUGHTERS	28	9,476	4.8	453				
			10	WITH HERD-MATES	28	9,476	4.8	453	54	10,560	531	
537401	MCOONALO FARMS MISTER ANTON.....*											
07-19-57	488786	1328089	19	NCN-AI OAU.-01	37	10,960	5.3	580				
AI STUD,	35-05	LISTED, 02-66	19	WITH HERD-MATES	37	10,960	5.3	580	21	9,588	464	
STATES-	31								OIFF.	1,372	116	
537680	LYRENE MYRA-S	WISTAR.....*										
07-29-57	470256	1540439	12	NCN-AI OAU.-02	20	11,704	4.9	570				
AI STUD,	61-01	LISTED, 02-66	12	WITH HERD-MATES	20	11,704	4.9	570	16	10,714	536	
STATES-	34,63								OIFF.	990	34	
537706*											
			5	NON-AI OAU.-02	5	8,398	4.9	412				
STATES-	21		5	WITH HERD-MATES	5	8,398	4.9	412	16	9,588	466	
									OIFF.	1,190-	54-	
537771	DENNY-OALE LOREN-S	BUILOER.....*										
07-05-57	467224	1652239	14	NON-AI OAU.-04	26	10,650	4.7	501				
AI STUD,	93-05	LISTED, 02-66	14	WITH HERD-MATES	26	10,650	4.7	501	14	10,894	507	
STATES-	91								DIFF.	244-	6-	
537992*											
			5	NON-AI OAU.-01	5	8,800	5.2	455				
STATES-	35		5	WITH HERD-MATES	5	8,800	5.2	455	11	10,030	456	
									OIFF.	1,230-	1-	
538019*											
			8	NON-AI DAUS.-01	8	9,384	5.4	505				
STATES-	52		8	WITH HERD-MATES	8	9,384	5.4	505	18	9,776	507	
									OIFF.	392-	2-	
538021	WILLOW SPRING 8FT. SUPREME.....*											
04-07-56	475595	1339128	22	NON-AI OAU.-05	39	10,168	5.3	540				
AI STUD,	12-03	LISTED, 02-66	22	WITH HERD-MATES	39	10,168	5.3	540	9	9,812	497	
STATES-	12,13,22,32,34								OIFF.	356	43	
538316*											
			5	NON-AI OAU.-01	8	10,823	5.0	545				
STATES-	57		5	WITH HERD-MATES	8	10,823	5.0	545	33	9,295	455	
									OIFF.	1,528	90	
538405*											
			5	NON-AI OAU.-03	6	8,687	4.8	417				
STATES-	52		5	WITH HERD-MATES	6	8,687	4.8	417	42	7,757	370	
									OIFF.	930	47	
538601*											
			7	NON-AI OAU.-02	8	7,337	4.7	346				
STATES-	55		7	WITH HERD-MATES	8	7,337	4.7	346	10	7,378	334	
									OIFF.	41-	12	
539198*											
			21	NON-AI OAU.-01	21	6,219	4.9	304				
STATES-	42		21	WITH HERD-MATES	21	6,219	4.9	304	5	7,153	325	
									OIFF.	934-	21-	
539419	WYNO SAINT-S	HERO.....*										
11-02-57	429156	1482000	15	NON-AI OAU.-08	26	12,983	4.8	624				
AI STUD,	33-03	LISTED, 02-66	15	WITH HERD-MATES	26	12,983	4.8	624	28	10,100	494	
STATES-	23,31,51,52,56,63								OIFF.	2,883	130	
539742	METZGER FARMS TRANSFER VALOR.....*											
12-20-57	453207	1543739	25	NON-AI OAU.-06	46	13,207	5.1	675				
AI STUD,	34-01	LISTED, 02-66	25	WITH HERO-MATES	46	13,207	5.1	675	22	12,360	619	
STATES-	32,33								OIFF.	847	56	
540110*											
			7	NON-AI DAUS.-01	7	8,241	5.0	410				
STATES-	34		7	WITH HERO-MATES	7	8,241	5.0	410	19	7,679	380	
									OIFF.	562	30	
540160	RDETTA ROSE MASTER-S	BUO.....*										
10-01-57	440558	1768707	42	NON-AI DAUS.-10	66	10,933	5.0	547				
AI STUD,	35-02	LISTED, 02-66	41	WITH HERO-MATES	65	10,971	5.0	548	12	11,304	562	
STATES-	91,92								OIFF.	333-	14-	
540203	FAIRLAWN PAMELA-S	WARRIOR.....*										
02-03-58	473833	1408562	11	AI OUGHTERS-03	14	10,074	4.8	481				
AI STUD,	72-01	LISTED, 02-66	11	WITH HERD-MATES	14	10,074	4.8	481	40	10,347	463	49- 7
STATES-	72											
			26	NDN-AI OUGHTERS	43	10,784	4.7	509				
			26	WITH HERD-MATES	43	10,784	4.7	509	41	10,671	491	
540255	RUSHCREEK SUPREME-S	LAD.....*										
03-06-58	475595	806273	20	NCN-AI OAU.-03	30	13,107	4.6	605				
AI STUD,	51-02	LISTED, 02-66	20	WITH HERD-MATES	30	13,107	4.6	605	6	12,193	571	
STATES-	32								OIFF.	914	34	
540669*											
			7	NON-AI OAU.-05	8	8,064	5.2	417				
STATES-	21,23,31,35		6	WITH HERD-MATES	7	8,277	5.1	424	30	10,013	477	
									OIFF.	1,736-	53-	

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
GUERNSEY				RECORDS	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
				NUMBER	L8	%	L8		L8	L8	L8	L8
540817*											
	STATES- 58	7 NON-AI DAUS.-03	11	9,830	4.3	426						
		7 WITH HERD-MATES	11	9,830	4.3	426		24	9,834	432		
								DIFF.	4-	6-		
540888	POND ACRE FARM-S F. FLICKER.....*											
	07-31-57 475548 1078459 16 NON-AI DAUS.-08	37	11,687	4.9	567							
	AI STUD, 72-01 LISTED, 02-66 16 WITH HERD-MATES	37	11,687	4.9	567			13	10,782	517		
	STATES- 16,21							DIFF.	905	50		
5410C9	MULHOCWAY BUTTERFAT KING HAL.....*											
	05-12-58 493764 1217600 46 AI DAUGHTERS-25*	67	9,843	5.0	489							
	AI STUD, 35-05 LISTED, 02-66 46 WITH HERD-MATES	67	9,843	5.0	489			14	9,594	456	214	25
	STATES- 22,31,35,41,42											
541017*											
	STATES- 11,14	6 NON-AI DAUS.-02	8	8,993	4.7	424						
		6 WITH HERD-MATES	8	8,993	4.7	424		5	8,753	420		
								DIFF.	240	4		
541091	MAPLE DAWN WINDSOR-S FCRCE.....*											
	03-12-58 523127 1699957 24 NON-AI DAUS.-04	46	11,445	4.9	556							
	AI STUD, 34-01 LISTED, 02-66 24 WITH HERD-MATES	46	11,445	4.9	556			12	10,368	520		
	STATES- 34							DIFF.	1,077	36		
541140	MAPLE LEAF ROYAL LAD.....*											
	01-11-58 458927 1513245 15 NON-AI DAUS.-03	29	9,517	4.9	463							
	AI STUD, 41-25 LISTED, 02-66 15 WITH HERD-MATES	29	9,517	4.9	463			18	11,453	543		
	STATES- 41							DIFF.	1,936-	80-		
541262*											
	STATES- 22	6 NON-AI DAUS.-01	9	6,242	5.0	311						
		6 WITH HERD-MATES	9	6,242	5.0	311		25	6,709	306		
								DIFF.	467-	5		
541674	HOLLIKNOLL BCND-S EM8ASSADOR.....*											
	04-19-58 446227 1245016 116 AI DAUGHTERS-25*	143	9,484	4.9	464							
	AI STUD, 52-01 LISTED, 02-66 115 WITH HERD-MATES	141	9,506	4.9	465			24	9,615	464	41-	4
	STATES- 23,35,51,52,56											
54212C*											
	STATES- 82	5 NON-AI DAUS.-04	8	8,585	5.0	426						
		5 WITH HERD-MATES	8	8,585	5.0	426		11	8,995	431		
								DIFF.	410-	5-		
542205*											
	STATES- 52	7 NON-AI DAUS.-01	7	6,104	5.2	315						
		7 WITH HERD-MATES	7	6,104	5.2	315		43	7,534	368		
								DIFF.	1,430-	53-		
542265	WILLOW SPRING SUPREME VIC.....*											
	03-28-58 538021 932926 42 AI DAUGHTERS-23	56	9,945	4.9	483							
	AI STUD, 12-03 LISTED, 02-66 41 WITH HERD-MATES	54	9,950	4.9	484			17	9,547	450	307	24
	STATES- 12,13,14,32,51											
542370*											
	STATES- 32,72,84	5 NON-AI DAUS.-03	7	8,209	5.2	424						
		5 WITH HERD-MATES	7	8,209	5.2	424		23	9,503	467		
								DIFF.	1,294-	43-		
542377*											
	STATES- 32	5 NON-AI DAUS.-03	7	9,353	5.6	526						
		5 WITH HERD-MATES	7	9,353	5.6	526		13	10,013	497		
								DIFF.	660-	29		
542898*											
	STATES- 31	5 NON-AI DAUS.-02	6	11,557	4.4	503						
		5 WITH HERD-MATES	6	11,557	4.4	503		13	8,652	406		
								DIFF.	2,905	97		
542953	WESTERN GLOW DUETS TRANSFER.....*											
	10-05-58 453207 1283558 10 AI DAUGHTERS-07	12	8,943	4.6	407							
	AI STUD, 93-05 LISTED, 02-66 10 WITH HERD-MATES	12	8,943	4.6	407			15	10,414	480	443-	23-
	STATES- 35,82,93											
543158	NORTHERN HERMES.....*											
	10-14-58 415425 1344800 63 AI DAUGHTERS-25*	91	10,633	4.6	489							
	AI STUD, 35-05 LISTED, 02-66 63 WITH HERD-MATES	91	10,633	4.6	489			16	9,369	451	987	30
	STATES- 15,35,41,42											
543348	COL8YS GA8RIEL.....*											
	06-23-58 440484 1144594 182 AI DAUGHTERS-25*	314	9,244	4.9	451							
	AI STUD, 23-09 LISTED, 02-66 181 WITH HERD-MATES	311	9,251	4.9	451			17	9,237	443	33	8
	STATES- 23,34											
		6 NON-AI DAUGHTERS	11	8,775	5.4	472						
		6 WITH HERD-MATES	11	8,775	5.4	472		22	10,708	536		
543422	RIVERVIEW MALITA-S KING.....*											
	07-29-58 498590 1463957 56 AI DAUGHTERS-25*	76	9,437	4.9	466							
	AI STUD, 91-13 LISTED, 02-66 55 WITH HERD-MATES	75	9,448	4.9	466			17	9,843	480	228-	7-
	STATES- 82,86,87,91,92											
543466	DEEPLAKE FLASH-S HANSEN.....*											
	12-02-58 475548 1531468 122 AI DAUGHTERS-25*	179	9,808	4.7	465							
	AI STUD, 21-01 LISTED, 02-66 121 WITH HERD-MATES	177	9,776	4.7	463			19	9,797	469	50	2-
	STATES- 13,21,23,31,58,65											
543499*											
	STATES- 14	5 NON-AI DAUS.-01	5	8,584	4.6	395						
		5 WITH HERD-MATES	5	8,584	4.6	395		9	7,974	351		
								DIFF.	610	44		

SIREs OF DHIA DAUGHTERS

GUERNSEY				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
				RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
543673	ADOHR HORNET TOPNOTCH.....*											
07-01-58	467419 1236096	25	AI DAUGHTERS-04	36	8,685	4.7	410					
AI STUD, 93-02	LISTED, 02-66	25	WITH HERD-MATES	36	8,685	4.7	410	55	9,061	424	205-	8-
STATES-	85,93											
543818	FAIRLAWN MURIEL-S VALCR.....*											
09-12-58	533507 1004019	213	AI DAUGHTERS-25*	363	10,155	4.5	461					
AI STUD, 21-01	LISTED, 02-66	213	WITH HERD-MATES	363	10,155	4.5	461	19	9,549	457	604	6
STATES-	12,14,16,21,22,23,32, 42,63,64,65											
543819	FAIRLAWN WARRIOR-S BELL80Y.....*											
09-13-58	473833 1637823	33	AI DAUGHTERS-05	42	11,082	4.8	536					
AI STUD, 41-25	LISTED, 02-66	33	WITH HERD-MATES	42	11,082	4.8	536	26	9,775	467	861	45
STATES-	41											
543828*											
		5	NON-AI DAUS.-01	5	9,056	4.4	398					
STATES-	41	5	WITH HERD-MATES	5	9,056	4.4	398	DIFF.	7,918	385		
									1,138	13		
543853	MARGENOELL HIS MAJESTY.....*											
09-10-58	528225 1660942	28	AI DAUGHTERS-17	35	10,699	4.6	494					
AI STUD, 33-03	LISTED, 02-66	28	WITH HERD-MATES	35	10,699	4.6	494	14	9,565	461	694	21
STATES-	11,23,33,34,35,63,83											
		8	NON-AI DAUGHTERS	19	10,190	4.8	485					
		8	WITH HERD-MATES	19	10,190	4.8	485	14	9,526	460		
544053*											
		6	NON-AI DAUS.-01	7	9,737	4.8	472					
STATES-	93	6	WITH HERD-MATES	7	9,737	4.8	472	DIFF.	9,764	489		
									27-	17-		
544226	8AYVILLE ROYAL VIRGINIAN.....*											
07-24-58	449539 1567849	20	NON-AI DAUS.-03	34	10,099	5.0	502					
AI STUD, 51-02	LISTED, 02-66	20	WITH HERD-MATES	34	10,099	5.0	502	103	10,089	494		
STATES-	52,55							DIFF.	10	8		
544645*											
		5	NON-AI DAUS.-01	5	8,474	4.6	390					
STATES-	92	5	WITH HERD-MATES	5	8,474	4.6	390	DIFF.	7,502	327		
									972	63		
544823*											
		5	NON-AI DAUS.-01	5	8,768	5.1	448					
STATES-	51	5	WITH HERD-MATES	5	8,768	5.1	448	DIFF.	7,812	379		
									956	69		
544832	MAPLE LEAF ROYAL GAY.....*											
09-09-58	458927 1482880	23	NON-AI DAUS.-04	37	10,948	5.0	544					
AI STUD, 41-25	LISTED, 02-66	23	WITH HERD-MATES	37	10,948	5.0	544	9	10,632	500		
STATES-	41,47							DIFF.	316	44		
544842*											
		5	NON-AI DAUS.-01	7	7,074	4.5	318					
STATES-	21	5	WITH HERD-MATES	7	7,074	4.5	318	DIFF.	7,691	361		
									617-	43-		
544916	YELLOW CREEK BUTTERFAT BART.....*											
08-30-58	496474 1260591	41	AI DAUGHTERS-25	77	10,201	5.2	532					
AI STUD, 31-01	LISTED, 02-66	41	WITH HERD-MATES	77	10,201	5.2	532	15	9,699	474	384	42
STATES-	31,56											
544991	WYNO SAINT-S HUGO.....*											
12-26-58	429156 1482000	160	AI DAUGHTERS-25*	246	9,553	4.8	463					
AI STUD, 23-09	LISTED, 02-66	159	WITH HERD-MATES	245	9,558	4.8	463	19	9,303	452	253	12
STATES-	15,23,50,51,54,56											
545130*											
		5	NON-AI DAUS.-04	6	6,241	4.6	286					
STATES-	64	5	WITH HERD-MATES	6	6,241	4.6	286	DIFF.	7,524	335		
									1,283-	49-		
545150	GRAYSMARSH MAINLINER.....*											
09-02-58	468032 893958	31	NON-AI DAUS.-04	38	10,875	5.2	569					
AI STUD, 35-02	LISTED, 02-66	31	WITH HERD-MATES	38	10,875	5.2	569	30	10,697	531		
STATES-	35,82,91							DIFF.	178	38		
545231	YELLOW CREEK HANDY EARL.....*											
05-22-58	526747 1741218	15	NON-AI DAUS.-04	32	10,737	5.3	565					
LISTED, 02-65		15	WITH HERD-MATES	32	10,737	5.3	565	12	10,620	543		
STATES-	32,72,84							DIFF.	117	22		
545271*											
		6	NON-AI DAUS.-01	6	9,417	5.1	477					
STATES-	84	6	WITH HERD-MATES	6	9,417	5.1	477	DIFF.	9,675	471		
									258-	6		
545327	ERWIN FARMS PRINCE SUPREME.....*											
11-28-58	475595 1494436	20	AI DAUGHTERS-11	23	9,355	4.7	443					
AI STUD, 31-02	LISTED, 02-66	18	WITH HERD-MATES	21	9,106	4.8	436	14	9,160	439	18-	1-
STATES-	31,32,56,71											
545351*											
		5	NON-AI DAUS.-05	6	9,841	5.0	495					
STATES-	23	5	WITH HERD-MATES	6	9,841	5.0	495	DIFF.	9,214	447		
									627	48		
545556*											
		5	NON-AI DAUS.-01	5	9,100	5.3	486					
STATES-	41	5	WITH HERD-MATES	5	9,100	5.3	486	DIFF.	8,526	420		
									574	66		

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. OIFF.	
GUERNSEY				RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
545646*											
STATES-	32	5 NON-AI DAUS.-02	5	5	8,262	5.5	456					
		5 WITH HERD-MATES	5	5	8,262	5.5	456	11 DIFF.	10,316 2,054-	529 73-		
545802	FAR EAST NORA-S TRANSFER.....*											
11-17-58	453207 1687872	34 AI DAUGHTERS-21	47	9,572	4.7	453						
AI STUD, 91-13	LISTED, 02-66	33 WITH HERD-MATES	46	9,618	4.7	454		16	9,742	462	31-	3-
STATES-	83,86,92											
545832*											
STATES-	92	5 NON-AI DAUS.-02	8	8,132	5.2	423						
		5 WITH HERD-MATES	8	8,132	5.2	423		10 DIFF.	9,184 1,052-	458 35-		
545937*											
STATES-	33	6 NON-AI DAUS.-01	6	8,785	5.1	446						
		6 WITH HERD-MATES	6	8,785	5.1	446		8 OIFF.	9,193 408-	448 2-		
545984	BAYVILLE ROYAL KING.....*											
12-18-58	449539 899617	12 NON-AI DAUS.-09	16	8,431	4.8	404						
AI STUD, 63-01	LISTED, 02-66	12 WITH HERD-MATES	16	8,431	4.8	404		47 OIFF.	8,838 407-	412 8-		
STATES-	52,55,56,57,58,63											
546080*											
STATES-	65	5 NON-AI DAUS.-01	8	7,514	4.6	345						
		5 WITH HERD-MATES	8	7,514	4.6	345		25 DIFF.	7,856 342-	351 6-		
546141*											
STATES-	35	5 NON-AI DAUS.-04	10	9,424	4.6	433						
		5 WITH HERD-MATES	10	9,424	4.6	433		7 DIFF.	8,826 598	411 22		
546327	WESTERN GLDW MAY TRAVELER.....*											
01-30-59	535338 1248725	5 AI DAUGHTERS-02	5	13,422	4.5	607						
AI STUD, 93-05	LISTED, 02-66	5 WITH HERD-MATES	5	13,422	4.5	607		16	12,338	532	283	17
STATES-	93											
546328*											
STATES-	92	5 NON-AI DAUS.-02	6	11,060	4.8	534						
		5 WITH HERD-MATES	6	11,060	4.8	534		9 DIFF.	11,269 209-	542 8-		
546331	WESTERN GLOW DARIMOST.....*											
05-14-59	475548 1146132	48 AI DAUGHTERS-25*	57	10,746	4.9	527						
AI STUD, 91-13	LISTED, 02-66	47 WITH HERD-MATES	55	10,773	4.9	527		14	9,767	474	758	41
STATES-	22,35,82,91											
546390	DENNIS FARM FORE JULIAN.....*											
01-17-59	449173 1283142	21 AI DAUGHTERS-13	34	9,883	5.0	494						
AI STUD, 33-01	LISTED, 02-66	21 WITH HERD-MATES	34	9,883	5.0	494		15	9,563	471	193	14
STATES-	33,35,41											
546392	MAPLE LEAF LENS DN.....*											
12-08-58	458927 1206070	14 NON-AI DAUS.-01	22	7,979	5.2	411						
AI STUD, 63-01	LISTED, 02-66	14 WITH HERD-MATES	22	7,979	5.2	411		43 OIFF.	8,186 207-	417 6-		
STATES-	41											
546463	RIVERVIEW CASCADE-S DICTATOR.....*											
12-18-58	498590 1461642	29 AI DAUGHTERS-20	33	8,927	5.0	447						
AI STUD, 91-13	LISTED, 02-66	28 WITH HERD-MATES	32	8,911	5.0	446		13	9,778	469	461-	11-
STATES-	83,87,92											
546555	GUERNSEY LAND PHARAOH-S PHARAOH.....*											
09-13-58	298216 1170742	20 AI DAUGHTERS-18	20	10,470	4.6	479						
AI STUD, 21-01	LISTED, 02-66	20 WITH HERD-MATES	20	10,470	4.6	479		17	10,115	479	233	3
STATES-	21,23											
546626	MAGNOLIA FLASH CDRINTHIAN.....*											
05-24-59	475548 1547800	8 NON-AI DAUS.-01	14	15,702	4.5	704						
AI STUD, 65-02	LISTED, 02-66	8 WITH HERD-MATES	14	15,702	4.5	704		29 OIFF.	10,641 5,061	469 235		
STATES-	65											
546829*											
STATES-	74	5 NON-AI DAUS.-01	6	10,814	4.4	477						
		5 WITH HERD-MATES	6	10,814	4.4	477		23 DIFF.	7,232 3,582	342 135		
546948*											
STATES-	87	5 NON-AI DAUS.-01	5	8,508	4.5	387						
		5 WITH HERD-MATES	5	8,508	4.5	387		11 OIFF.	8,184 324	388 1-		
547027	NDRGERTS ROYAL NANCE DEWDROP.....*											
01-19-59	533769 1600002	19 AI DAUGHTERS-07	30	10,789	4.5	484						
AI STUD, 35-03	LISTED, 02-66	19 WITH HERD-MATES	30	10,789	4.5	484		18	10,351	482	279	3
STATES-	35											
547204*											
STATES-	41	6 NON-AI DAUS.-02	7	6,646	4.8	321						
		6 WITH HERD-MATES	7	6,646	4.8	321		14 OIFF.	8,537 1,891-	418 97-		
547253*											
AI STUD, 35-04		6 AI DAUGHTERS-05	6	11,448	5.0	570						
STATES-	35,42	6 WITH HERD-MATES	6	11,448	5.0	570		12	9,628	463	433	25
547324*											
STATES-	31,34	5 NON-AI DAUS.-02	8	11,709	4.5	527						
		5 WITH HERD-MATES	8	11,709	4.5	527		24 DIFF.	11,269 440	534 7-		

SIREs OF DHIA DAUGHTERS

GUERNSEY	AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
547367									
STATES- 51,52	5	7,328	4.9	362	12	8,044	416		
	5	7,328	4.9	362	DIFF.	716-	54-		
547455 GAYOSD VIEW FAME-S KING.....*									
12-24-58 512974 1721548 10 AI DAUGHTERS-07	12	8,631	4.6	397					
AI STUD, 63-02 LISTED, 02-66 10 WITH HERD-MATES	12	8,631	4.6	397	26	8,811	417	66-	7-
STATES- 63									
547583 YELLOW CREEK BET.GYPSY KING.....*									
02-09-59 534741 1704723 16 NON-AI DAUS.-06	28	12,006	5.7	687					
AI STUD, 31-02 LISTED, 02-65 16 WITH HERD-MATES	28	12,006	5.7	687	19	11,641	613		
STATES- 23,32,52					DIFF.	365	74		
547656 GENESEE MINTER.....*									
05-17-59 475548 1563567 39 AI DAUGHTERS-25*	51	9,253	5.0	459					
AI STUD, 21-01 LISTED, 02-66 39 WITH HERD-MATES	50	9,246	5.0	458	19	9,760	464	290-	1-
STATES- 21									
547828									
STATES- 32,82	5	8,756	5.0	438	32	9,626	470		
	5	8,756	5.0	438	DIFF.	870-	32-		
547988 CHEDCO SWEETBRIARS KING.....*									
11-11-59 472563 1355138 21 NON-AI DAUS.-02	21	8,606	5.3	453					
AI STUD, 91-13 LISTED, 02-66 21 WITH HERD-MATES	21	8,606	5.3	453	29	9,080	481		
STATES- 87,91					DIFF.	474-	28-		
548036 BAYVILLE JOLLY MARKER.....*									
01-05-59 504890 1638906 85 AI DAUGHTERS-25*	103	8,916	4.9	434					
AI STUD, 52-01 LISTED, 02-66 82 WITH HERD-MATES	98	8,932	4.9	435	32	8,773	425	109	8
STATES- 23,52,55,63									
548118 DEEP LAKE BON-FLASH DEACON.....*									
09-22-59 496783 1604692 25 AI DAUGHTERS-17	29	10,115	4.8	483					
AI STUD, 31-01 LISTED, 02-66 25 WITH HERD-MATES	29	10,115	4.8	483	22	9,729	476	255	7
STATES- 31,33,84									
548254									
STATES- 31	6	9,020	4.6	414	9	10,580	486		
	6	9,020	4.6	414	DIFF.	1,560-	72-		
548281 RIVERVIEW ILLETA-S PRINCE.....*									
08-31-59 496783 1787052 73 AI DAUGHTERS-25*	73	10,484	4.9	513					
AI STUD, 31-01 LISTED, 02-66 72 WITH HERD-MATES	72	10,540	4.9	515	15	9,745	478	680	33
STATES- 33,35,51,82,86,91,92									
	9	10,742	4.9	523					
	9	10,742	4.9	523	24	9,817	472		
548294									
STATES- 31,58	5	9,478	5.2	491	28	9,876	469		
	5	9,478	5.2	491	DIFF.	398-	22		
548303									
STATES- 35	5	6,416	4.2	267	11	6,758	309		
	5	6,416	4.2	267	DIFF.	342-	42-		
548507									
STATES- 23	9	9,322	5.3	493	16	8,347	402		
	9	9,322	5.3	493	DIFF.	975	91		
548678									
STATES- 23	5	7,215	4.8	344	20	8,706	417		
	5	7,215	4.8	344	DIFF.	1,491-	73-		
548655 SENRA8 RDYAL RUPERT.....*									
09-01-59 518622 1350339 9 AI DAUGHTERS-08	9	8,050	4.7	382					
AI STUD, 42-02 LISTED, 02-66 9 WITH HERD-MATES	9	8,050	4.7	382	11	8,502	400	156-	7-
STATES- 41,42									
548709									
STATES- 51	5	12,198	4.8	586	10	10,034	493		
	5	12,198	4.8	586	DIFF.	2,164	93		
548719									
STATES- 55	5	7,884	5.7	450	65	9,092	477		
	5	7,884	5.7	450	DIFF.	1,208-	27-		
548767 FOREMOST MISSOURIAN MIXTER.....*									
06-02-59 496446 868534 5 AI DAUGHTERS-04	5	10,144	4.9	496					
AI STUD, 31-01 LISTED, 02-66 5 WITH HERD-MATES	5	10,144	4.9	496	17	9,610	464	119	7
STATES- 31,43									
548775 MULHCCAWAY BUTTERFAT CARILLON.....*									
04-16-59 431323 1492941 6 NON-AI DAUS.-01	9	7,958	5.0	395					
AI STUD, 87-01 LISTED, 02-66 6 WITH HERD-MATES	9	7,958	5.0	395	35	9,325	444		
STATES- 87					DIFF.	1,367-	49-		
548951									
STATES- 65	6	6,128	4.5	276	136	6,335	285		
	6	6,128	4.5	276	DIFF.	207-	9-		

SIRE OF DHIA DAUGHTERS

GUERNSEY	AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
548954									
STATES- 43	7	8,500	4.7	399	16	8,341	389		
	7	8,500	4.7	399	DIFF.	159	10		
549064									
STATES- 21	5	10,944	4.6	501	25	9,990	479		
	5	10,944	4.6	501	DIFF.	954	22		
549067									
STATES- 23,51,55,58	5	10,230	5.0	516	56	9,202	457		
	5	10,230	5.0	516	DIFF.	1,028	59		
549234 GAYOSO VIEW FAMES FABRON.....*									
08-20-59 512974 1287512	6	9,800	4.2	414					
AI STUD, 63-02 LISTED, 02-66	6	9,800	4.2	414	24	8,673	392		
STATES- 56,63					DIFF.	1,127	22		
549235 GAYOSO VIEW TOP COMMANDO.....*									
08-23-59 512972 1408844	346	11,233	4.5	507					
AI STUD, 33-03 LISTED, 02-66	341	11,246	4.5	508	18	9,933	480	1,327	31
STATES- 11,12,13,14,15,21,22,23,31,32,33,34,35,41,42,43,48,51,52,55,56,61,63,65,73,82,84,91,93									
549238									
STATES- 65	5	10,061	4.5	454	17	8,202	372		
	5	10,061	4.5	454	DIFF.	1,859	82		
549290 FLYING HORSE MASTER-S KING.....*									
02-29-60 514114 934508	91	8,993	5.0	447					
AI STUD, 23-09 LISTED, 02-66	91	8,993	5.0	447	15	9,285	446	216-	2
STATES- 23									
549335 PRESTDAL F ARTIC.....*									
01-17-60 475548 1781211	6	12,203	4.9	593					
LISTED, 11-65	6	12,203	4.9	593	26	10,205	480		
STATES- 82,91					DIFF.	1,998	113		
549336 LAKE LOUISE PATSY-S PRINCE.....*									
10-17-59 517838 950680	21	9,717	5.0	485					
AI STUD, 91-13 LISTED, 02-66	21	9,717	5.0	485	18	9,780	485	8	3
STATES- 91									
549342 BROWNIES FARMS OPTIMIST.....*									
07-25-59 496783 1828972	7	9,800	5.1	497					
AI STUD, 41-25 LISTED, 02-66	7	9,800	5.1	497	12	9,807	476		
STATES- 92					DIFF.	7-	21		
549361									
STATES- 33	5	8,336	4.5	373	11	8,512	388		
	5	8,336	4.5	373	DIFF.	176-	15-		
549365									
STATES- 33	5	11,266	4.7	533	6	9,836	460		
	5	11,266	4.7	533	DIFF.	1,430	73		
549372									
STATES- 13,14,15,35	7	8,429	5.4	459	22	9,154	453		
	7	8,429	5.4	459	DIFF.	725-	6		
549511 OERRY MANOR AUGUSTUS.....*									
02-12-60 446983 1615756	18	10,912	4.9	535					
AI STUD, 21-01 LISTED, 02-66	18	10,912	4.9	535	25	10,014	487	473	26
STATES- 21									
549548									
STATES- 63	5	9,720	4.4	430	11	10,380	472		
	5	9,720	4.4	430	DIFF.	660-	42-		
549579									
STATES- 82	7	11,493	4.4	507	5	10,137	429		
	7	11,493	4.4	507	DIFF.	1,356	78		
549588 WOODACRES EMPEROR.....*									
09-12-59 524479 1369854	16	10,018	4.8	476					
AI STUD, 34-01 LISTED, 02-66	16	10,018	4.8	476	14	9,681	481	180	0
STATES- 22,34									
	5	12,690	5.0	638					
	5	12,690	5.0	638	33	12,940	643		
549611									
STATES- 35	5	9,193	5.8	534	14	10,864	536		
	5	9,193	5.8	534	DIFF.	1,671-	2-		
549625 LITTLE FALLS MARTHA-S CHUM.....*									
09-14-59 411580 1111578	32	9,172	4.8	442					
AI STUD, 21-01 LISTED, 02-66	32	9,172	4.8	442	22	9,362	446	95-	1-
STATES- 13,21,65									
549758									
STATES- 42	5	9,136	4.8	443	9	8,250	402		
	5	9,136	4.8	443	DIFF.	886	41		

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
GUERNSEY				RECORDS	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
				NUMBER	L8	%	L8		L8	L8	L8	L8
55D922*											
	STATES- 31	6 NON-AI DAUS.-02	7 10,257 4.7 483	6 WITH HERD-MATES	7 10,257 4.7 483			18	9,028	420		
								DIFF.	1,229	63		
55D942	FRANCHESTER CECILIA-S BONANZA.....*											
	11-D8-59 496783 12D4512 158 AI DAUGHTERS-25*	158 10,378 4.7 491										
	AI STUD, 31-D1 LISTED, 02-66 157 WITH HERD-MATES	157 10,350 4.7 490						20	9,632	464	693	27
	STATES- 31,32,33,35,43,55,56, 58,74	9 NON-AI DAUGHTERS	10 11,336 4.7 536	9 WITH HERD-MATES	10 11,336 4.7 536			66	9,480	463		
550943	FRANCHESTER CECILIA-S MODEL.....*											
	D1-27-60 496783 1851126 16 AI DAUGHTERS-15	16 9,664 4.8 462										
	AI STUD, 35-02 LISTED, 02-66 16 WITH HERD-MATES	16 9,664 4.8 462						17	9,242	447	198	8
	STATES- 31,35,72											
551096	GUERNGOLD FLASH.....*											
	11-29-59 475548 1635000 25 NON-AI DAUS.-04	26 11,054 5.0 552										
	AI STUD, 42-C2 LISTED, 02-66 25 WITH HERD-MATES	26 11,054 5.0 552						7	9,773	505		
	STATES- 42							DIFF.	1,281	47		
551162*											
	STATES- 43	10 NON-AI DAUS.-02	11 10,567 5.1 537	10 WITH HERD-MATES	11 10,567 5.1 537			12	10,917	504		
								DIFF.	350-	33		
551183*											
	STATES- 51	5 NON-AI DAUS.-01	5 11,566 4.7 547	5 WITH HERD-MATES	5 11,566 4.7 547			27	10,268	458		
								DIFF.	1,298	89		
551455*											
	STATES- 43	5 NON-AI DAUS.-02	6 9,860 5.1 498	5 WITH HERD-MATES	6 9,860 5.1 498			15	9,979	486		
								DIFF.	119-	12		
551583	HOMINY HILL LYNN.....*											
	01-26-60 453762 1759681 36 AI DAUGHTERS-25	36 10,726 4.9 526										
	AI STUD, 16-D4 LISTED, 02-66 36 WITH HERD-MATES	36 10,726 4.9 526						15	10,558	510	207	15
	STATES- 12,14,16											
551686*											
	STATES- 16	5 NON-AI DAUS.-02	6 11,859 4.8 569	5 WITH HERD-MATES	6 11,859 4.8 569			19	11,074	541		
								DIFF.	785	28		
551846	SHAMROCK PRECISE-S PARAGON.....*											
	03-10-60 496783 1199690 12 AI DAUGHTERS-D5	12 9,933 4.9 486										
	AI STUD, 87-D1 LISTED, 02-66 11 WITH HERD-MATES	11 9,533 5.0 478						31	9,572	455	6	9
	STATES- 82,86,87	8 NON-AI DAUGHTERS	9 10,613 4.9 521	8 WITH HERD-MATES	9 10,613 4.9 521			67	10,645	500		
551914	LAUXMONT MASTERPIECE.....*											
	08-D7-60 456337 1517845 13 AI DAUGHTERS-08	13 8,818 4.9 432										
	AI STUD, 23-11 LISTED, 02-66 11 WITH HERD-MATES	11 8,958 4.9 438						18	9,555	471	192-	10-
	STATES- 23											
551920	ROSEWOOD 8EA HAZEN.....*											
	06-15-60 498183 1743437 22 AI DAUGHTERS-09	22 10,819 5.0 537										
	AI STUD, 33-01 LISTED, 02-66 22 WITH HERD-MATES	22 10,819 5.0 537						11	9,940	492	509	27
	STATES- 33											
551995*											
	STATES- 41	5 NON-AI DAUS.-01	5 9,212 4.7 429	5 WITH HERD-MATES	5 9,212 4.7 429			12	8,948	403		
								DIFF.	264	26		
552004*											
	STATES- 22	5 NON-AI DAUS.-01	5 10,088 5.0 503	5 WITH HERD-MATES	5 10,088 5.0 503			41	9,632	497		
								DIFF.	456	6		
552084*											
	STATES- 33,35	6 NON-AI DAUS.-03	7 8,605 4.9 423	6 WITH HERD-MATES	7 8,605 4.9 423			10	9,389	445		
								DIFF.	784-	22-		
552153*											
	STATES- 11	6 NON-AI DAUS.-01	8 9,350 4.8 449	6 WITH HERD-MATES	8 9,350 4.8 449			6	9,912	515		
								DIFF.	562-	66-		
552155*											
	STATES- 32	6 NON-AI DAUS.-01	6 11,238 5.1 577	6 WITH HERD-MATES	6 11,238 5.1 577			12	10,232	533		
								DIFF.	1,006	44		
552294*											
	STATES- 23	5 NON-AI DAUS.-01	5 10,982 4.5 494	5 WITH HERD-MATES	5 10,982 4.5 494			19	8,870	425		
								DIFF.	2,112	69		
552342*											
	STATES- 92	5 NON-AI DAUS.-01	5 9,020 4.6 419	5 WITH HERD-MATES	5 9,020 4.6 419			25	10,534	497		
								DIFF.	1,514-	78-		
552402*											
	STATES- 33	6 NON-AI DAUS.-01	7 8,612 5.1 442	6 WITH HERD-MATES	7 8,612 5.1 442			17	9,342	472		
								DIFF.	730-	30-		

SIRE OF DHIA DAUGHTERS

GUERNSEY				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREC. DIFF.	
				RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
552413*											
STATES- 34		5	NDN-AI DAUS.-D1	5	11,770	4.9	574					
		5	WITH HERD-MATES	5	11,770	4.9	574	30	11,848	582		
								DIFF.	78-	8-		
552424	MAPLEWOOD ROYALIST-S BRIGADIER.....*											
12-09-53	487028 968572	49	AI DAUGHTERS-25*	54	9,630	4.8	460					
AI STUD, 35-02	LISTED, D2-66	49	WITH HERD-MATES	54	9,630	4.8	460	16	9,402	450	190	9
STATES- 34,35,42,48,72												
552436*											
STATES- 14,35		5	NDN-AI DAUS.-D2	6	11,102	5.5	606					
		5	WITH HERD-MATES	6	11,102	5.5	606	5	12,082	591		
								DIFF.	980-	15		
552442*											
STATES- 21		6	NDN-AI DAUS.-D1	6	10,815	4.6	501					
		6	WITH HERD-MATES	6	10,815	4.6	501	19	10,853	505		
								DIFF.	38-	4-		
552591	DEEPLAKE FLASH-S JUDSCN.....*											
09-03-60	475548 1308140	9	AI DAUGHTERS-D7	9	8,907	4.8	431					
AI STUD, 35-05	LISTED, D2-66	9	WITH HERD-MATES	9	8,907	4.8	431	26	9,514	466	172-	10-
STATES- 35,47												
552642*											
STATES- 92		5	NON-AI DAUS.-03	5	8,840	4.8	427					
		5	WITH HERD-MATES	5	8,840	4.8	427	15	9,256	426		
								DIFF.	416-	1		
552647	SHAMROCK PRISCILLA-S PINNACLE.....*											
05-22-60	496783 1619287	25	NON-AI DAUS.-D1	25	10,676	4.8	513					
AI STUD, 93-D2	LISTED, D2-66	25	WITH HERD-MATES	25	10,676	4.8	513	67	10,684	505		
STATES- 86								DIFF.	8-	8		
552752*											
AI STUD, 16-D4		8	AI DAUGHTERS-08	8	11,074	4.7	519					
STATES- 13,14,16		8	WITH HERD-MATES	8	11,074	4.7	519	20	10,049	478	322	13
552753*											
STATES- 23		5	NON-AI DAUS.-01	5	6,826	4.7	324					
		5	WITH HERD-MATES	5	6,826	4.7	324	22	7,054	336		
								DIFF.	228-	12-		
552812*											
STATES- 21		7	NDN-AI DAUS.-D1	9	9,309	5.2	485					
		7	WITH HERD-MATES	9	9,309	5.2	485	41	9,909	487		
								DIFF.	600-	2-		
552896*											
STATES- 93		5	NON-AI DAUS.-01	5	14,768	4.4	656					
		5	WITH HERD-MATES	5	14,768	4.4	656	73	12,204	579		
								DIFF.	2,564	77		
553026*											
STATES- 41		5	NON-AI DAUS.-01	5	8,682	5.3	459					
		5	WITH HERD-MATES	5	8,682	5.3	459	15	8,772	431		
								DIFF.	90-	28		
553245*											
STATES- 58,82		7	NDN-AI DAUS.-D3	8	10,965	5.0	551					
		7	WITH HERD-MATES	8	10,965	5.0	551	6	9,430	447		
								DIFF.	1,535	104		
553489*											
STATES- 11		5	NON-AI DAUS.-D3	5	8,086	5.3	430					
		5	WITH HERD-MATES	5	8,086	5.3	430	8	9,158	442		
								DIFF.	1,072-	12-		
553505*											
STATES- 22,23,33		6	NDN-AI DAUS.-D5	6	9,878	4.7	468					
		6	WITH HERD-MATES	6	9,878	4.7	468	31	10,148	478		
								DIFF.	270-	10-		
553634*											
STATES- 51		5	NDN-AI DAUS.-D1	5	9,178	4.8	442					
		5	WITH HERD-MATES	5	9,178	4.8	442	25	9,246	454		
								DIFF.	68-	12-		
553670*											
STATES- 21		5	NON-AI DAUS.-01	6	8,539	4.5	387					
		5	WITH HERD-MATES	6	8,539	4.5	387	17	9,552	437		
								DIFF.	1,013-	50-		
553673*											
STATES- 93		5	NON-AI DAUS.-01	5	8,992	5.5	495					
		5	WITH HERD-MATES	5	8,992	5.5	495	34	9,858	494		
								DIFF.	866-	1		
553845*											
STATES- 14		6	NDN-AI DAUS.-D1	7	13,946	4.7	652					
		6	WITH HERD-MATES	7	13,946	4.7	652	20	12,809	610		
								DIFF.	1,137	42		
553901*											
STATES- 47		7	NDN-AI DAUS.-D1	7	9,889	4.6	450					
		7	WITH HERD-MATES	7	9,889	4.6	450	74	7,934	388		
								DIFF.	1,955	62		
553933	HOWMARS ROUGILLA GRANDEE.....*											
09-09-60	540510 1378865	10	NON-AI DAUS.-D2	10	11,278	4.6	518					
AI STUD, 11-C1	LISTED, D2-66	10	WITH HERD-MATES	10	11,278	4.6	518	23	8,208	390		
STATES- 11,65								DIFF.	3,070	128		

SIRE OF OHIA DAUGHTERS

GUERNSEY	AV. PRODUCTION OF OAU.				AOJ. HERO-MATES AV.			PREO. OIFF.	
	RECOROS NUMBER	MILK LB	TEST %	FAT LB	AV. NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
553942	7	AI DAUGHTERS-06	7	11,306	4.6	518			
AI STUO, 11-01	7	WITH HERO-MATES	7	11,306	4.6	518	17	9,654	458
STATES- 11								445	16
554094 APPLEBROOK BONANZA COLDNEL.....*	21	AI DAUGHTERS-17	21	9,970	5.2	517			
06-10-60 496783 1557296	21	WITH HERO-MATES	21	9,970	5.2	517	21	10,698	514
AI STUO, 21-01 LISTED, 02-66								286-	6
STATES- 16,21,23,31									
554601	5	NON-AI DAUS.-01	5	7,880	5.1	399			
STATES- 35	5	WITH HERO-MATES	5	7,880	5.1	399	13	10,398	497
							OIFF.	2,518-	98-
554731 MCOONALO FARMS J V EMINENT.....*	12	AI DAUGHTERS-10	12	8,693	4.8	419			
02-04-61 530291 1034863	12	WITH HERO-MATES	12	8,693	4.8	419	14	9,722	463
AI STUO, 23-09 LISTED, 02-66								359-	15-
STATES- 23									
554842	5	NON-AI DAUS.-01	5	11,628	4.7	545			
STATES- 35	5	WITH HERO-MATES	5	11,628	4.7	545	10	10,052	537
							OIFF.	1,576	8
554867	6	NON-AI DAUS.-01	6	9,148	4.7	428			
STATES- 35	6	WITH HERO-MATES	6	9,148	4.7	428	12	9,162	450
							OIFF.	14-	22-
554959	5	NON-AI DAUS.-01	5	6,686	4.7	314			
STATES- 41	5	WITH HERO-MATES	5	6,686	4.7	314	14	7,240	339
							OIFF.	554-	25-
555006	7	NON-AI DAUS.-01	7	9,876	4.9	484			
STATES- 42	7	WITH HERO-MATES	7	9,876	4.9	484	7	9,330	434
							OIFF.	546	50
555036	5	NON-AI DAUS.-01	5	11,652	4.6	536			
STATES- 93	5	WITH HERO-MATES	5	11,652	4.6	536	78	12,426	584
							OIFF.	774-	48-
555123	6	NON-AI DAUS.-03	6	10,857	5.0	548			
STATES- 32,34	6	WITH HERO-MATES	6	10,857	5.0	548	18	11,442	574
							OIFF.	585-	26-
555132	5	NON-AI DAUS.-01	5	9,544	5.0	481			
STATES- 22	5	WITH HERO-MATES	5	9,544	5.0	481	61	9,654	469
							OIFF.	110-	12
555562	6	NON-AI DAUS.-01	6	8,280	4.7	386			
STATES- 52	6	WITH HERO-MATES	6	8,280	4.7	386	15	9,705	450
							OIFF.	1,425-	64-
556065	5	NON-AI DAUS.-02	5	8,074	5.0	403			
STATES- 35	5	WITH HERO-MATES	5	8,074	5.0	403	14	10,308	493
							OIFF.	2,234-	90-
556100	5	NON-AI DAUS.-03	5	10,536	4.6	485			
STATES- 56	5	WITH HERO-MATES	5	10,536	4.6	485	48	10,476	483
							OIFF.	60	2
557006	5	NON-AI DAUS.-01	5	9,440	4.8	456			
STATES- 23	5	WITH HERO-MATES	5	9,440	4.8	456	37	9,880	475
							OIFF.	440-	19-
557237	7	AI DAUGHTERS-05	7	10,609	4.6	493			
AI STUO, 34-01	7	WITH HERO-MATES	7	10,609	4.6	493	11	10,024	508
STATES- 32,34								178	2-
557446	6	NON-AI DAUS.-01	6	9,330	4.6	426			
STATES- 42	6	WITH HERO-MATES	6	9,330	4.6	426	19	9,650	445
							OIFF.	320-	19-
557614	5	NON-AI DAUS.-01	5	9,464	4.7	449			
STATES- 23	5	WITH HERO-MATES	5	9,464	4.7	449	19	10,276	490
							OIFF.	812-	41-
559318	5	NON-AI DAUS.-04	5	8,302	4.7	390			
STATES- 22,33,55	5	WITH HERO-MATES	5	8,302	4.7	390	57	8,946	426
							OIFF.	644-	36-
559674	13	NON-AI DAUS.-01	13	9,010	4.8	430			
STATES- 63	13	WITH HERO-MATES	13	9,010	4.8	430	10	10,345	487
							OIFF.	1,335-	57-
561222	7	NON-AI DAUS.-01	7	9,010	4.5	408			
STATES- 43	7	WITH HERO-MATES	7	9,010	4.5	408	45	7,820	346
							OIFF.	1,190	62

SIRES OF DAIRY DAUGHTERS					AV. PRODUCTION OF OAU.				ADJ. HERD-MATES AV.			PROD. DIFF.	
HOLSTEIN					RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
					NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
772575 CHERRY80LD ENSIGN PRIDE.....*													
03-25-38	620728	1545476	34	AI DAUGHTERS-25*	120	11,021	3.4	372					
AI STUD, 35-02	LISTED, 11-65		33	WITH HERD-MATES	112	11,098	3.4	376	7	11,808	420	519-	31-
STATES- 34,35													
8743C6 ROLLING KNOLL MASTER PCSCH F08ES.....*													
11-29-42	769577	1995129	2192	AI DAUGHTERS-25*	6353	12,066	3.7	444					
AI STUD, 51-02	LISTED, 03-64		1753	WITH HERO-MATES	5407	12,049	3.7	442	15	11,932	445	4	6-
STATES- 21,22,23,42,50,51,52,													
54,55,56,57,58,63			23	NON-AI DAUGHTERS	58	13,218	3.8	501					
			22	WITH HERD-MATES	88	13,405	3.8	506	10	12,843	473		
933248 ELMOKA DIRECTOR.....													
01-12-45	813654	2211629	459	AI DAUGHTERS-25*	1010	13,122	3.7	482					
AI STUD, 41-04	LISTED, 08-65		403	WITH HERD-MATES	893	13,038	3.7	480	12	12,750	466	245	12
STATES- 22,23,35,41,42,45,46,													
47,51,52			7	NCN-AI DAUGHTERS	25	12,898	3.9	501					
			7	WITH HERD-MATES	24	12,940	3.9	502	6	13,213	506		
948138 SKOKIE PRINCE.....*													
08-08-45	850330	2069899	128	AI DAUGHTERS-25*	444	12,582	3.4	433					
AI STUD, 35-09			127	WITH HERD-MATES	427	12,592	3.4	433	9	11,901	420	496	6
STATES- 31,35,42,43,64,92													
992858 PA8ST ROWAYNE - TWIN.....													
01-30-47	859213	2373581	896	AI DAUGHTERS-25*	1978	12,814	3.7	476					
AI STUD, 41-04	LISTED, 03-64		854	WITH HERD-MATES	1898	12,831	3.7	477	13	12,689	460	103	15
STATES- 23,34,35,41,42,43,45,													
46,47,51,72			20	NON-AI DAUGHTERS	79	12,509	3.8	471					
			20	WITH HERD-MATES	72	12,559	3.8	472	6	12,486	450		
999955*													
STATES- 23			6	NON-AI DAUS.-01	19	11,760	3.6	429					
			6	WITH HERD-MATES	19	11,760	3.6	429	13	11,814	425		
									DIFF.	54-	4		
1001748 CARNATION CEDRIC INSPIRATION.....*													
11-24-46	933204	2422157	1654	AI DAUGHTERS-25*	3150	13,304	3.8	501					
AI STUD, 31-01	LISTED, 02-66		1530	WITH HERD-MATES	2929	13,312	3.8	503	18	13,889	505	488-	1
STATES- 13,23,31,32,33,34,43,													
51,54,55,56,58,61,63,71,72,74,			7	NON-AI DAUGHTERS	17	12,884	3.8	490					
83,84,85			6	WITH HERD-MATES	13	12,805	3.8	491	6	13,064	480		
1008622 OS8ORNDALD LOCHINVAR REX.....													
06-25-46	904533	1852596	1609	AI DAUGHTERS-25*	4202	12,248	3.7	458					
AI STUD, 35-75	LISTED, 03-64		1365	WITH HERD-MATES	3701	12,353	3.7	462	23	12,438	456	145-	4
STATES- 12,13,14,16,21,22,23,													
31,32,33,34,35,41,42,43,47,48,			30	NON-AI DAUGHTERS	115	12,182	3.8	466					</

SIRÉS OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF	DAU.	ADJ. HERD-MATES	AV.	PRED. DIFF.
				RECORDS	MILK TEST	AV.	MILK FAT	MILK FAT
				NUMBER	L8	%	L8	L8 L8
1066477	BROWNS MASTER ANTONY.....*							
10-17-48	010135583 010513326	2612	AI DAUGHTERS-25*	5412	13,145	3.5	465	
AI STUD, 52-01	LISTED, 02-66	2432	WITH HERD-MATES	5138	13,172	3.5	467	26 13,084 479 89 12-
STATES- 11,16,21,22,23,31,32,								
33,34,41,51,52,54,55,56,57,63		39	NON-AI DAUGHTERS	100	12,670	3.4	437	
		39	WITH HERD-MATES	99	12,603	3.5	436	16 12,753 462
1070036	PA8ST SIR COMET OLIVER.....*							
12-08-48	959466 3073680	2396	AI DAUGHTERS-25*	6362	14,086	3.8	529	
AI STUD, 35-03	LISTED, 02-66	2327	WITH HERD-MATES	6205	14,107	3.8	530	13 13,217 478 898 52
STATES- 16,21,22,23,31,32,33,								
34,35,41,42,43,47,48,51,52,54,								
55,56,58,61,63,64,65,71,72,73,								
74,82,83,86,87,93,94								
1074403	HEERSCHE SMOKY BRUMMEL - TWIN.....							
01-03-49	1003344 2211866	357	AI DAUGHTERS-25*	729	12,515	3.7	464	
AI STUD, 48-01	LISTED, 02-66	318	WITH HERD-MATES	648	12,520	3.7	465	20 12,865 471 342- 6-
STATES- 47,48,73,74,85								
1088760*							
		5	NON-AI DAUS.-04	13	12,848	3.9	501	
STATES- 93		5	WITH HERD-MATES	13	12,848	3.9	501	56 15,101 556
								DIFF. 2,253- 55-
1090340	CAMPTON HILLS SIR TY VIC IDEAL.....*							
06-12-49	923749 2236383	963	AI DAUGHTERS-25*	2915	13,763	3.7	512	
AI STUD, 33-01	LISTED, 02-66	898	WITH HERD-MATES	2771	13,762	3.7	513	15 12,734 476 974 36
STATES- 21,32,33,35,42,43,48,								
54,57,61,93								
1094305	GRAY VIEW PANSY PILOT.....*							
08-04-49	959466 2131575	2212	AI DAUGHTERS-25*	4766	14,009	3.7	514	
AI STUD, 31-01	LISTED, 02-66	2124	WITH HERD-MATES	4608	14,032	3.7	515	21 14,084 512 50 7
STATES- 11,12,13,14,15,16,21,								
22,23,31,32,33,34,35,42,43,47,		94	NON-AI DAUGHTERS	421	14,360	3.8	546	
52,54,55,57,61,63,64,65,71,72,		94	WITH HERD-MATES	416	14,401	3.8	547	17 13,966 530
73,74,81,82,84,85,91,92,93								
1095223*							
		6	NON-AI DAUS.-01	14	9,856	3.7	369	
STATES- 23		6	WITH HERD-MATES	14	9,856	3.7	369	8 11,363 415
								DIFF. 1,507- 46-
1098656	WIS IDEAL CONCENTRATE.....*							
02-05-50	933122 2628437	321	AI DAUGHTERS-25	649	15,170	3.6	546	
AI STUD, 93-03	LISTED, 02-66	320	WITH HERD-MATES	647	15,156	3.6	545	113 15,455 565 56- 10-
STATES- 11,33,34,82,86,91,92,								
93								
1106455	HEERSCHE CAREY PERFECTION.....*							
11-28-49	1063307 2586238	1165	AI DAUGHTERS-25*	2457	12,839	3.7	480	
AI STUD, 48-01	LISTED, 05-64	1056	WITH HERD-MATES	2280	12,848	3.7	481	17 12,914 472 78- 9
STATES- 21,34,43,47,48,63,71,								
73,74,85		32	NON-AI DAUGHTERS	123	13,699	3.7	509	
		32	WITH HERD-MATES	128	13,763	3.7	511	10 13,554 492
1111076	HICKORY CREEK DESIGN.....*							
10-21-49	949159 2172162	768	AI DAUGHTERS-25*	2212	13,149	3.6	470	
AI STUD, 33-03	LISTED, 03-64	749	WITH HERD-MATES	2160	13,163	3.6	471	15 12,979 477 171 6-
STATES- 11,12,13,14,16,21,22,								
23,31,32,33,34,35,41,42,43,45,								
46,47,48,50,51,52,54,55,57,58,								
61,65,73,82,84,87,91,92,93								
1112211	PA8ST REBURKE DUKE.....*							
07-08-50	901195 2373582	1533	AI DAUGHTERS-25*	3583	15,028	3.6	537	
AI STUD, 31-01	LISTED, 02-66	1494	WITH HERD-MATES	3510	15,065	3.6	538	24 14,203 513 962 29
STATES- 11,12,13,14,16,21,22,								
23,31,32,33,34,35,41,42,43,48,		287	NON-AI DAUGHTERS	1081	15,475	3.6	557	
51,52,54,55,56,57,61,63,65,71,		287	WITH HERD-MATES	1074	15,474	3.6	557	22 14,261 521
73,74,82,84,85,86,93								
1117633	WEBER ROAMER BURKE CYCLONE.....*							
08-30-50	914049 2488549	476	AI DAUGHTERS-25*	658	15,993	3.6	571	
AI STUD, 93-05	LISTED, 02-66	476	WITH HERD-MATES	658	15,993	3.6	571	188 16,207 580 97 1
STATES- 35,74,82,84,86,87,91,								
93		28	NON-AI DAUGHTERS	97	13,487	3.6	492	
		28	WITH HERD-MATES	96	13,484	3.6	492	41 14,242 517
1118448*							
		5	NON-AI DAUS.-02	5	12,988	3.5	457	
STATES- 93		5	WITH HERD-MATES	5	12,988	3.5	457	24 12,040 451
								DIFF. 948 6
1119514	HICKORY CREEK PROUD PRINCE.....*							
09-30-49	949159 2272641	1176	AI DAUGHTERS-25*	3155	13,264	3.4	457	
AI STUD, 33-03	LISTED, 02-66	1147	WITH HERD-MATES	3090	13,274	3.5	458	16 13,077 480 195 22-
STATES- 11,12,13,14,16,21,22,								
23,31,32,33,34,35,41,42,43,45,								
46,47,50,51,52,54,55,56,57,58,								
61,63,71,74,82,83,84,86,87,91,								
92,93,94								
1119686	SPRUCLEIGH MCNOGRAM RAG APPLE.....*							
01-09-50	010198871 010415059	4119	AI DAUGHTERS-25*	8415	13,246	3.9	518	
AI STUD, 23-09	LISTED, 02-66	4072	WITH HERD-MATES	8315	13,248	3.9	518	14 13,190 498 71 22
STATES- 21,22,23,31,51,52,54,								
64								

SIRE OF DHIA DAUGHTERS

HOLSTEIN			AV. PRODUCTION OF	DAU.	ADJ. HERD-MATES	AV.	PREC. DIFF.
			RECORDS	MILK	TEST	FAT	
			NUMBER	L8	%	L8	
1122127 HICKORYVALE 8 8 LAD.....*							
D8-12-5C 986779 2658395	556	AI DAUGHTERS-25*	1088	13,720	3.6	499	
AI STUD, 51-02 LISTED, D2-66	525	WITH HERD-MATES	1034	13,752	3.6	500	19 12,745 481 94D 18
STATES- 23,31,5D,51,52,54,55							
	37	NON-AI DAUGHTERS	128	14,365	3.6	517	
	37	WITH HERD-MATES	124	14,408	3.6	519	14 12,776 473
1126307 WIS MAGISTRATE BURKE.....*							
12-D3-5C 999669 2980159	846	AI DAUGHTERS-25*	1159	15,894	3.6	58D	
AI STUD, 93-D5 LISTED, D2-66	846	WITH HERD-MATES	1159	15,894	3.6	58D	166 15,820 568 342 2D
STATES- 35,42,46,74,82,86,87,							
91,92,93,95	5	NON-AI DAUGHTERS	6	18,734	3.5	660	
	5	WITH HERD-MATES	6	18,734	3.5	660	90 16,80D 598
1126309 WIS IMPERIAL COUNT.....*							
D1-D2-51 933122 2182986	338	AI DAUGHTERS-25*	419	16,142	3.5	568	
AI STUD, 93-05 LISTED, D2-66	338	WITH HERD-MATES	419	16,142	3.5	568	249 16,067 579 355 1-
STATES- 42,82,86,91,93							
1128027*							
	5	NDN-AI DAUS.-03	ID	14,192	3.8	539	
STATES- 93	5	WITH HERD-MATES	ID	14,192	3.8	539	65 15,118 546 7- DIFF. 926-
1129583*							
	5	NDN-AI DAUS.-D3	11	10,887	3.4	373	
STATES- 23	5	WITH HERD-MATES	1C	10,911	3.4	373	9 9,662 352 21 DIFF. 1,249
1131215 PA8ST REGAL DAN.....*							
D1-D5-51 9D1195 21D43D9	134	AI DAUGHTERS-25*	242	12,648	3.6	461	
AI STUD, 61-CI LISTED, D2-66	129	WITH HERD-MATES	235	12,7C2	3.6	463	18 13,392 486 568- 10
STATES- 14,32,33,34,51,61,63							
	38	NON-AI DAUGHTERS	125	12,740	3.7	466	
	38	WITH HERD-MATES	123	12,721	3.7	465	10 13,493 492
1136564 WEARY RIVER RESOLUTE PAUL.....*							
12-13-5C 863778 235D871	336	AI DAUGHTERS-25*	552	16,973	3.6	605	
AI STUD, 93-D5 LISTED, D2-66	336	WITH HERD-MATES	551	16,971	3.6	605	184 15,98D 579 1,21D 34
STATES- 82,86,91,92,93,95							
	25	NON-AI DAUGHTERS	85	16,953	3.6	610	
	25	WITH HERD-MATES	85	16,953	3.6	610	59 16,699 596
1136723 PLAIN VIEW VICTOR BURKE.....*							
D5-29-50 1C46285 2794606	1221	AI DAUGHTERS-25*	2551	13,097	3.7	48D	
AI STUD, 61-D1 LISTED, D2-66	995	WITH HERD-MATES	2211	13,216	3.7	485	17 12,917 464 279 20
STATES- 32,35,61,63							
	17	NON-AI DAUGHTERS	42	14,916	3.5	521	
	17	WITH HERD-MATES	42	14,916	3.5	521	15 14,337 508
1137421 APPALACHIAN LAUXMONT CCLANTHUS.....*							
02-14-51 813911 243D950	590	AI DAUGHTERS-25*	12D1	15,129	3.8	571	
AI STUD, 31-D1 LISTED, D2-66	587	WITH HERD-MATES	1196	15,129	3.8	571	29 14,947 548 359 29
STATES- 31,32,34,52,55,72,74,							
84,85							
1137503 WALKWAY TY VIC ROBIN.....*							
01-D5-51 923749 2121256	491	AI DAUGHTERS-25*	836	12,82D	3.9	504	
AI STUD, 31-D2 LISTED, D2-66	478	WITH HERD-MATES	818	12,813	3.9	505	19 13,541 490 652- 15
STATES- 31,32,33,43,47,55,56,							
58,61,64,65,71,72	34	NON-AI DAUGHTERS	93	12,848	4.1	528	
	33	WITH HERD-MATES	89	12,930	4.1	532	12 13,709 529
1140217 ELMER 8ROOK INKA HOMESTEAD LAD.....*							
10-26-50 1069792 2853593	115	AI DAUGHTERS-25*	216	12,859	3.6	469	
AI STUD, 41-25 LISTED, D2-66	112	WITH HERD-MATES	212	12,799	3.6	466	20 13,125 473 271- 6-
STATES- 42,47							
	32	NON-AI DAUGHTERS	118	13,154	3.7	488	
	32	WITH HERD-MATES	118	13,154	3.7	488	23 13,382 503
114D763 LARRIETTA BURCAR PA8ST.....*							
D1-D1-51 1D49581 2622D88	5174	AI DAUGHTERS-25*	9941	13,961	3.8	526	
AI STUD, 21-D1 LISTED, D2-66	4831	WITH HERD-MATES	9355	14,01C	3.8	528	25 14,276 515 143- 17
STATES- 11,13,14,15,16,21,22,							
23,47,51,52,56,63	48	NON-AI DAUGHTERS	187	13,518	3.7	502	
	47	WITH HERD-MATES	179	13,459	3.7	50D	24 13,585 496
1141276 MAVIEW LAD DIRECT FERN SIDE.....*							
01-29-51 1D11980 2959074	27DD	AI DAUGHTERS-25*	4098	12,88D	3.8	483	
AI STUD, 52-D1 LISTED, D2-66	2688	WITH HERD-MATES	4084	12,880	3.8	483	28 13,509 489 579- 5-
STATES- 11,12,13,14,16,21,22,							
23,34,51,52,54,55,63	84	NON-AI DAUGHTERS	268	13,446	3.8	515	
	84	WITH HERD-MATES	267	13,442	3.8	515	24 14,115 533
1141591*							
	6	NDN-AI DAUS.-05	14	14,607	3.4	5D2	
STATES- 93	6	WITH HERD-MATES	14	14,607	3.4	5D2	89 15,965 579 77- DIFF. 1,358-
1142734 MEADOW SPRINGS FOLLOW CN LAIRD.....*							
D3-21-51 742938 24827D0	1103	AI DAUGHTERS-25*	2361	13,64D	3.7	510	
AI STUD, 31-D1 LISTED, D2-66	1041	WITH HERD-MATES	2262	13,687	3.7	512	19 14,141 514 339- 2
STATES- 11,12,13,14,16,21,22,							
23,31,32,33,34,41,43,51,52,54,	43	NON-AI DAUGHTERS	182	13,041	3.7	487	
55,58,61,63,65,72,74,82,83,84,	43	WITH HERD-MATES	18D	13,048	3.7	487	17 13,284 485
85,86,91							

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				AOJ. HERD-MATES AV.			PREO. DIFF.	
HOLSTEIN				RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
1144265												
	7	NON-AI DAUS.-01		7	14,070	3.4	476					
STATES- 93	7	WITH HERD-MATES		7	14,070	3.4	476	58	15,437	532		
								DIFF.	1,367-	56-		
1145788 CRESCENT BEAUTY LIEUTENANT.....*												
02-16-51	1074603	2275262	193	AI DAUGHTERS-25*	400	13,240	3.8	497				
AI STUD, 32-02 LISTED, 02-66			190	WITH HERD-MATES	391	13,247	3.8	498	21	13,880	515	498- 12-
STATES- 21,31,32,33,34,35,42,												
51,56,57,61,63,74												
1146056 RAVENGLIN SUPREME TRIUNE BERT-TWIN.....												
01-10-51	1064734	3001183	6	NON-AI DAUS.-04	20	13,980	3.5	487				
STATES- 51,54			6	WITH HERD-MATES	20	13,980	3.5	487	23	13,167	493	
									DIFF.	813	6-	
1148087 ROLLING KNOLL GOLDEN STROKE.....*												
01-16-51	976710	2630072	762	AI DAUGHTERS-25*	1450	14,651	3.6	527				
AI STUD, 31-01 LISTED, 02-66			754	WITH HERD-MATES	1432	14,676	3.6	528	21	13,969	509	777 21
STATES- 12,14,15,16,21,23,31,												
32,33,51,52,56,58,61,71,72,74,			13	NON-AI DAUGHTERS	42	14,988	3.7	552				
83,84,85			13	WITH HERD-MATES	40	14,864	3.7	549	11	14,408	527	
1149645												
	22	NON-AI DAUS.-06		104	14,453	4.0	580					
STATES- 22,23	22	WITH HERD-MATES		104	14,453	4.0	580	16	13,364	503		
								DIFF.	1,089	77		
1150469 TIDY PRIDE IDEAL BURKE.....												
04-23-51	1013415	2529881	2006	AI DAUGHTERS-25*	3187	14,385	3.6	520				
AI STUD, 35-75 LISTED, 02-66			1980	WITH HERD-MATES	3154	14,398	3.6	521	79	14,857	538	276- 11-
STATES- 21,22,23,33,34,35,41,												
42,43,46,48,52,55,57,58,74,82,			26	NON-AI DAUGHTERS	40	13,652	3.6	496				
84,85,86,87,88,91,92,93			26	WITH HERD-MATES	40	13,652	3.6	496	50	14,115	510	
1153814 BROAD ROCK GOVERNOR TOM.....*												
09-15-51	1035230	3090707	350	AI DAUGHTERS-25*	738	13,053	3.7	483				
AI STUD, 12-03 LISTED, 02-66			348	WITH HERD-MATES	729	13,045	3.7	482	19	13,187	503	122- 17-
STATES- 11,12,13,14,15,16												
	31	NON-AI DAUGHTERS		135	13,476	3.6	490					
	31	WITH HERD-MATES		133	13,453	3.6	489	11	13,078	484		
1154946 NORTHMOOR ALERT MICHAEL.....*												
08-01-51	1035461	2915512	2409	AI DAUGHTERS-25*	4337	14,444	3.6	522				
AI STUD, 35-75 LISTED, 02-66			2352	WITH HERD-MATES	4258	14,469	3.6	523	31	13,981	513	575 14
STATES- 12,13,14,16,21,22,23,												
31,32,33,34,35,41,42,45,47,48,			50	NON-AI DAUGHTERS	147	16,181	3.6	590				
51,52,55,56,57,58,61,63,64,73,			48	WITH HERD-MATES	145	16,269	3.7	595	28	15,253	567	
82,85,87,91,92,93												
1155106												
	5	NON-AI DAUS.-02		10	9,828	3.4	336					
STATES- 31,34	5	WITH HERD-MATES		10	9,828	3.4	336	11	12,241	447		
								DIFF.	2,413-	111-		
1155950												
	5	NON-AI DAUS.-02		8	15,819	3.6	576					
STATES- 93	5	WITH HERD-MATES		8	15,819	3.6	576	153	16,762	595		
								DIFF.	943-	19-		
1156593 POLYTECHNIC GOVERNOR GETTIE.....												
08-25-51	878257	2281154	272	AI DAUGHTERS-25*	434	14,704	3.7	549				
AI STUD, 93-01 LISTED, 02-66			270	WITH HERD-MATES	431	14,713	3.7	549	86	15,622	556	608- 1
STATES- 93												
1158286												
	6	NON-AI DAUS.-05		13	14,060	3.5	498					
STATES- 11	6	WITH HERD-MATES		13	14,060	3.5	498	13	13,444	500		
								DIFF.	616	2-		
1158310 RUSTIC CLYDE HILL FAVORITE.....												
05-12-51	1048340	2936220	81	AI DAUGHTERS-25*	146	13,112	3.6	471				
AI STUD, 41-25 LISTED, 02-66			81	WITH HERD-MATES	145	13,117	3.6	471	18	13,200	480	55- 7-
STATES- 31,32,34,41,42,43,55,												
71			21	NON-AI DAUGHTERS	79	15,019	3.7	550				
			21	WITH HERD-MATES	79	15,019	3.7	550	10	15,404	581	
1160414 CLYDE HILL FAVORITE LAD.....*												
09-30-51	813522	2450073	210	AI DAUGHTERS-25*	541	12,997	3.8	498				
AI STUD, 32-02 LISTED, 02-66			209	WITH HERD-MATES	535	12,985	3.8	497	15	13,314	494	277- 5
STATES- 23,32,33,34,42,43,48,												
55,56,57,65												
1167445												
	5	NON-AI DAUS.-01		5	12,026	3.4	403					
STATES- 93	5	WITH HERD-MATES		5	12,026	3.4	403	40	13,792	511		
								DIFF.	1,766-	108-		
1167511 GRAY VIEW BURKE NARRATOR.....												
12-15-51	895911	2304541	219	AI DAUGHTERS-25*	361	13,336	3.8	512				
AI STUD, 35-05 LISTED, 02-66			218	WITH HERD-MATES	360	13,352	3.8	512	21	14,068	514	563- 2
STATES- 23,33,35,41,42,45,46,												
47,71			49	NON-AI DAUGHTERS	148	13,371	3.8	506				
			48	WITH HERD-MATES	144	13,410	3.8	506	16	13,574	498	
1168480 HAWTHORN KING WAYNE REGAL.....												
12-21-51	1049406	2802686	59	AI DAUGHTERS-25*	59	12,785	3.6	463				
AI STUD, 51-02 LISTED, 02-66			59	WITH HERD-MATES	59	12,785	3.6	463	22	12,708	477	31 10-
STATES- 23,51,52,54,56												
	23	NON-AI DAUGHTERS		68	12,922	3.6	471					
	23	WITH HERD-MATES		68	12,922	3.6	471	24	13,172	488		

SIRE OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF	DAU.	ADJ. HERO-MATES AV.	PRED. DIFF.	
				RECORDS	MILK	TEST	FAT	
				NUMBER	LB	%	LB	
1184848 RUSSINWOOD ROBURKE LARRY.....*								
01-21-52 1024453 3180676 1038 AI DAUGHTERS-25*				1815	13,765	3.9	532	
AI STUO, 33-03 LISTED, 02-66 1028 WITH HERO-MATES				1801	13,767	3.9	532	21 13,546 498 265 35
STATES- 11,12,13,14,15,16,21,								
22,23,31,32,33,34,35,41,42,43,	16	NON-AI DAUGHTERS		28	12,532	3.9	490	
46,47,48,50,51,52,55,56,58,61,	16	WITH HERO-MATES		28	12,532	3.9	490	11 12,154 462
63,71,73,74,82,84,87,91,92,93								
1184891 SHAW'S GOLDEN CRETE UNA.....*								
08-31-52 892522 3037363 371 AI DAUGHTERS-25*				575	13,111	4.0	524	
AI STUO, 12-03 LISTED, 02-66 371 WITH HERO-MATES				575	13,111	4.0	524	20 13,400 512 242- 15
STATES- 11,12,13,14,15,16,21,								
55	46	NON-AI DAUGHTERS		197	13,576	3.8	511	
	46	WITH HERO-MATES		194	13,608	3.8	512	22 13,024 483
1188152 SMOKY HILL WIS VIVIAN OLAN.....*								
07-31-52 1068870 2996074 150 AI DAUGHTERS-25*				185	12,754	3.7	474	
AI STUO, 48-01 LISTED, 02-66 150 WITH HERO-MATES				185	12,754	3.7	474	25 13,257 487 426- 11-
STATES- 47,48,73,74								
	50	NON-AI DAUGHTERS		169	13,705	3.7	510	
	50	WITH HERO-MATES		169	13,705	3.7	510	15 14,107 529
1188528 WIS IDEAL LEADER -TWIN.....*								
08-25-52 915940 2892873 850 AI DAUGHTERS-25*				1355	12,771	3.8	482	
AI STUO, 12-03 LISTED, 02-66 837 WITH HERO-MATES				1327	12,768	3.8	482	21 13,699 523 846- 35-
STATES- 11,12,13,14,15,16,21,								
23,48	30	NON-AI DAUGHTERS		97	15,919	3.8	598	
	30	WITH HERO-MATES		97	15,919	3.8	598	16 15,359 568
1189476								
STATES- 57,87	6	NON-AI DAUGHTERS-02		7	11,233	3.7	420	
	6	WITH HERO-MATES		7	11,233	3.7	420	51 12,009 414
								DIFF. 776- 6
1189553 WIS SYMBOL.....*								
09-28-52 915940 2347083 1573 AI DAUGHTERS-25*				2596	14,232	3.5	496	
AI STUO, 34-01 LISTED, 02-66 1569 WITH HERO-MATES				2588	14,232	3.5	496	22 13,883 504 425 5-
STATES- 14,21,22,23,31,32,33,								
34,35,41,42,48,52,54,56,61,73,	70	NON-AI DAUGHTERS		206	13,911	3.6	497	
84,91	70	WITH HERO-MATES		206	13,911	3.6	497	30 13,817 507
1189679 PAULINE SILVER TIDY BURKE - TWIN.....*								
01-06-52 1113348 2801455 2714 AI DAUGHTERS-25*				5090	14,376	3.6	514	
AI STUO, 52-01 LISTED, 02-66 2649 WITH HERO-MATES				4996	14,385	3.6	514	27 13,257 483 1,139 32
STATES- 23,51,52,54,55,63								
	74	NON-AI DAUGHTERS		203	13,934	3.6	495	
	74	WITH HERO-MATES		197	13,882	3.5	492	15 13,518 499
1189870 OSBORNOALE IVANHOE.....*								
04-26-52 848777 2471271 9295 AI DAUGHTERS-25*				16775	14,479	3.8	554	
AI STUO, 23-09 LISTED, 02-66 9200 WITH HERO-MATES				16617	14,486	3.8	554	17 14,124 537 467 23
STATES- 11,12,13,14,15,16,21,								
22,23,31,32,33,34,35,41,42,46,	87	NON-AI DAUGHTERS		272	15,040	3.8	575	
47,50,51,52,54,55,56,57,61,63,	82	WITH HERO-MATES		265	15,069	3.8	579	15 15,038 573
74,82,84,86,87,91,93								
1189906								
STATES- 88	5	NON-AI DAUGHTERS-02		6	14,794	3.7	540	
	5	WITH HERO-MATES		6	14,794	3.7	540	11 15,385 518
								DIFF. 591- 22
1190151 WALKER MABEL PABST OF RONHUB.....*								
07-14-52 1104657 2467841 1236 AI DAUGHTERS-25*				2605	13,121	3.7	492	
AI STUO, 33-03 LISTED, 02-66 1210 WITH HERO-MATES				2549	13,151	3.7	493	20 13,528 495 324- 0
STATES- 11,13,14,15,16,21,22,								
23,31,32,33,34,35,41,42,43,46,	29	NON-AI DAUGHTERS		93	12,619	3.7	471	
47,48,50,51,52,54,55,56,57,58,	29	WITH HERO-MATES		93	12,619	3.7	471	17 13,184 489
61,64,71,73,74,81,82,84,87,91,								
92,93								
1190953 LANGE RE-CHARITY.....*								
04-15-52 901195 2394985 120 NON-AI DAUGHTERS-25*				291	14,548	3.7	537	
LISTED, 05-65 120 WITH HERO-MATES				291	14,548	3.7	537	18 13,883 494
STATES- 21,32,34,35,41,42,52,								DIFF. 665 43
55,81,82,93								
1191921 HIGH MEADOW FARM MASTER DEAN.....*								
07-06-51 761977 3203892 1318 AI DAUGHTERS-25*				2023	14,102	3.7	519	
AI STUO, 35-75 LISTED, 02-66 1307 WITH HERO-MATES				2008	14,098	3.7	519	39 13,955 508 229 14
STATES- 13,16,21,22,23,32,33,								
34,35,41,42,43,46,47,48,52,55,	25	NON-AI DAUGHTERS		94	14,240	3.9	551	
56,57,61,64,65,71,73,74,82,84,	25	WITH HERO-MATES		90	14,227	3.9	550	13 13,915 528
85,86,87,91,92,93								
1192713 NEMAH REROYAL BURKE.....*								
02-18-52 984799 2961239 1919 AI DAUGHTERS-25*				3787	14,571	3.7	533	
AI STUO, 35-75 LISTED, 02-66 1884 WITH HERO-MATES				3746	14,593	3.7	534	37 13,597 497 1,038 39
STATES- 12,13,14,16,21,22,23,								
31,32,33,34,35,41,42,43,47,48,	38	NON-AI DAUGHTERS		144	15,792	3.9	609	
51,52,55,56,57,58,61,63,64,65,	38	WITH HERO-MATES		141	15,712	3.9	605	21 15,021 577
72,73,74,82,84,86,87,91,92,93,								
95								
1192852 KYLAND CASCADE BURKE 9TH.....*								
01-09-52 1063862 2606722 117 AI DAUGHTERS-22				244	12,059	3.6	436	
AI STUO, 65-02 LISTED, 02-66 85 WITH HERO-MATES				188	12,203	3.6	442	14 12,083 436 18 2
STATES- 34,35,65								
	7	NON-AI DAUGHTERS		18	14,246	3.6	516	
	6	WITH HERO-MATES		17	15,003	3.6	542	11 13,349 486

SIRE OF OHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF	AOJ. HERO-MATES AV.	PREO. OIFF.
				RECOROS MILK TEST OAU.	AV. MILK FAT	MILK FAT
				NUMBER L8 % L8	NUMBER L8 L8	L8 L8
1193554						
STATES- 47,48	5	NCN-AI DAUS.-03	12	12,851 3.7 472		
	5	WITH HERO-MATES	12	12,851 3.7 472	12 14,194 511	
					OIFF. 1,343-	39-
1195771						
STATES- 93	6	NON-AI DAUS.-04	7	15,740 3.5 553		
	6	WITH HERO-MATES	7	15,740 3.5 553	85 15,115 556	
					OIFF. 625	3-
1196260 PA8ST RAVEN REBE.....*						
12-20-52 909839 2753399	12	AI DAUGHTERS-05	12	9,112 3.2 294		
AI STUO, 94-01 LISTEO, 02-66	12	WITH HERO-MATES	12	9,112 3.2 294	23 10,264 358	537- 29-
STATES- 94						
1200082 CARNATION ENSIGN MAJCR MAOCAP.....*						
11-06-52 925403 2806672	2241	AI DAUGHTERS-25*	2998	14,510 3.6 524		
AI STUO, 35-75 LISTED, 02-66	2235	WITH HERO-MATES	2991	14,501 3.6 524	67 14,830 538	151- 8-
STATES- 13,16,21,22,23,31,32,						
33,34,35,41,42,43,45,46,47,48,	57	NCN-AI DAUGHTERS	17C	15,632 3.8 593		
51,52,55,56,57,63,64,65,71,73,	57	WITH HERO-MATES	168	15,614 3.8 593	17 15,552 581	
74,81,82,84,85,86,87,88,91,92,						
93,95						
1200723 W V U WIN KING ACE.....*						
02-02-53 901316 2886687	160	AI DAUGHTERS-25*	409	12,271 3.7 454		
AI STUO, 51-02 LISTEO, 02-66	155	WITH HERO-MATES	401	12,313 3.7 455	17 11,874 436	284 13
STATES- 31,51,52,54						
1202814 WEBER ADMIRAL BURKE SEGIS LAO.....*						
01-01-53 882933 2072029	362	AI DAUGHTERS-25*	427	14,314 3.7 526		
AI STUO, 31-01 LISTEO, 02-66	362	WITH HERO-MATES	427	14,314 3.7 526	22 14,418 518	30 11
STATES- 21,23,31,32,33,35,41,						
42,47,55,57,61,63,72,74,84,85,	50	NCN-AI DAUGHTERS	163	13,414 3.8 510		
86,87,93	50	WITH HERO-MATES	162	13,411 3.8 510	30 14,292 520	
1203045 BRIGEEEN MASTERSTROKE.....*						
10-20-52 892522 3268005	743	AI DAUGHTERS-25*	951	13,949 3.8 525		
AI STUO, 16-04 LISTEO, 02-66	742	WITH HERO-MATES	950	13,949 3.8 525	24 14,164 535	102- 4-
STATES- 11,12,13,14,15,16,21,						
23,41	75	NON-AI DAUGHTERS	172	13,7C6 3.9 530		
	74	WITH HERO-MATES	17C	13,720 3.9 529	28 14,488 547	
1203114 GRAY VIEW BURKE NOBEL.....*						
12-12-52 895911 2304541	1079	AI DAUGHTERS-25*	2344	13,581 3.7 499		
AI STUO, 33-01 LISTEO, 02-66	1064	WITH HERO-MATES	2300	13,581 3.7 499	17 13,043 486	526 14
STATES- 31,33,34,35,41,42,45,						
48,54,55,57,61,63,64						
1204108 ARJAY GONCEL BURKE LAD-TWIN.....*						
01-02-53 909945 2738336	42	AI DAUGHTERS-25*	42	14,465 3.6 518		
AI STUO, 35-75 LISTEO, 02-66	42	WITH HERO-MATES	42	14,465 3.6 518	94 14,777 526	95- 2-
STATES- 21,23,31,32,33,34,35,						
42,45,47,48,51,52,84,85,91,93	16	NON-AI DAUGHTERS	38	14,068 3.6 503		
	16	WITH HERO-MATES	37	14,101 3.6 505	22 14,684 517	
1206797 WINTERTHUR ZEUS ZEUS HERMES.....*						
12-20-52 931354 2940385	224	AI DAUGHTERS-25*	544	14,367 3.7 532		
AI STUO, 23-11 LISTEO, 02-66	218	WITH HERO-MATES	529	14,333 3.7 530	25 13,345 499	931 30
STATES- 14,15,16,21,22,23,51						
120777C F P A ADMIRAL LUCIFER AUTOCRAT.....*						
05-08-52 769170 2587058	934	AI DAUGHTERS-25*	1773	13,613 3.8 512		
AI STUO, 23-11 LISTEO, 02-66	916	WITH HERO-MATES	1740	13,635 3.8 513	15 13,869 515	150- 2
STATES- 13,21,23,52,54						
	8	NON-AI DAUGHTERS	35	14,995 3.6 542		
	8	WITH HERO-MATES	34	15,052 3.6 545	6 13,426 505	
1208156						
STATES- 34	5	NON-AI DAUS.-01	5	14,464 4.1 593		
	5	WITH HERO-MATES	5	14,464 4.1 593	25 13,550 512	
					OIFF. 914	81
1210078 AGAIN ATHLONE ADMIRAL F08ES.....*						
07-15-52 1061894 2801182	2208	AI DAUGHTERS-25*	3668	13,066 3.8 495		
AI STUO, 33-03 LISTEO, 02-66	2138	WITH HERO-MATES	3551	13,055 3.8 494	22 13,892 508	746- 11-
STATES- 11,12,13,14,15,16,21,						
22,23,31,32,33,34,35,41,42,43,	7	NON-AI DAUGHTERS	12	12,63C 3.7 466		
45,46,47,48,50,51,52,54,55,56,	7	WITH HERO-MATES	12	12,63C 3.7 466	11 14,406 512	
57,58,61,63,64,65,71,73,74,82,						
83,84,87,91,92,93						
1210286 RAG APPLE SOVEREIGN TEXAL - TWIN.....*						
04-05-53 977110 2857008	1350	AI DAUGHTERS-25*	1841	14,707 3.6 531		
AI STUO, 31-01 LISTEO, 02-66	1347	WITH HERO-MATES	1837	14,7C5 3.6 531	20 14,370 524	459 12
STATES- 21,23,31,32,33,55,61,						
74,84,85,86	72	NON-AI DAUGHTERS	220	14,106 3.7 516		
	72	WITH HERO-MATES	219	14,100 3.7 516	13 14,105 520	
1210303 MEISEGEIER BAXTER.....*						
10-19-52 894536 2480285	202	AI DAUGHTERS-25*	264	13,020 3.8 494		
AI STUO, 35-02 LISTEO, 02-66	202	WITH HERO-MATES	264	13,020 3.8 494	21 13,899 506	723- 8-
STATES- 21,34,35,41,61						
	41	NON-AI DAUGHTERS	133	13,168 3.9 519		
	41	WITH HERO-MATES	133	13,168 3.9 519	9 13,825 541	
1211333 ADMIRAL COMET 21ST.....*						
04-28-52 1110594 2631241	560	AI DAUGHTERS-25*	711	14,425 3.8 544		
AI STUO, 31-01 LISTEO, 02-66	560	WITH HERO-MATES	711	14,425 3.8 544	19 14,428 525	129 23
STATES- 14,21,23,31,32,33,35,						
41,42,50,51,55,56,58,74,84,93	40	NON-AI DAUGHTERS	114	13,039 3.8 493		
	40	WITH HERO-MATES	113	13,039 3.8 493	19 13,717 499	

SIRE OF OHIA DAUGHTERS					AV. PRODUCTION OF OAU.				AOJ. HERO-MATES AV.			PREO. OIFF.	
HOLSTEIN					RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
					NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
1212343	BURRILANE CRUSAOR MAOCAP.....												
02-18-53	967706 2308553	97	AI DAUGHTERS-25*	169	14,179	3.8	543						
AI STU0,	93-05 LISTE0, 02-66	94	WITH HERO-MATES	163	14,274	3.8	548		92	14,186	520	166	26
STATES-	82,87,91,92,93												
1213135	QUALITY ZEUS NEBRASKA PAUL.....												
05-14-53	1105280 2503573	519	AI DAUGHTERS-25*	1221	13,273	3.7	495						
AI STU0,	23-11 LISTE0, 02-66	513	WITH HERO-MATES	1209	13,267	3.7	495		18	13,328	497	33-	0
STATES-	14,22,23,50,51,52												
1213698	DAWNVALE SOVEREIGN ARAB.....												
08-26-53	951058 2841126	530	AI DAUGHTERS-25*	694	13,967	3.9	548						
AI STU0,	16-04 LISTE0, 02-66	529	WITH HERO-MATES	693	13,985	3.9	549		27	14,269	536	157-	18
STATES-	11,13,14,15,16,21,22,												
23,51,52,56,57		69	NON-AI DAUGHTERS	164	14,760	3.9	581						
		69	WITH HERO-MATES	164	14,760	3.9	581		21	14,670	538		
1214317	JOHANNA CANARY PABST ORMSBY.....*												
11-20-52	938770 2669674	290	AI DAUGHTERS-25*	568	14,324	3.6	520						
AI STU0,	35-02 LISTE0, 02-66	290	WITH HERO-MATES	563	14,326	3.6	520		18	13,710	497	637	23
STATES-	22,31,33,34,35,42,57,												
58		22	NON-AI DAUGHTERS	84	14,620	3.6	532						
		22	WITH HERO-MATES	82	14,676	3.6	533		12	13,584	491		
1215144	TIOY BURKE CYCLONE CRICKET.....*												
01-03-53	1104364 3210736	34	AI DAUGHTERS-25*	34	15,412	3.7	572						
AI STU0,	23-11 LISTED, 02-66	34	WITH HERO-MATES	34	15,412	3.7	572		20	14,539	543	642	23
STATES-	23												
		58	NON-AI DAUGHTERS	182	13,430	3.7	494						
		58	WITH HERO-MATES	182	13,430	3.7	494		10	12,850	471		
1215551	.....											
		5	NON-AI OAU.-02	5	10,032	3.9	388						
STATES-	51	5	WITH HERO-MATES	5	10,032	3.9	388		12	10,788	414		
									OIFF.	756-	26-		
1215795	SKOKIE GOLOEN COMET.....												
02-27-53	1079736 3198845	48	AI DAUGHTERS-21	60	14,600	3.7	545						
AI STU0,	41-25 LISTE0, 02-66	48	WITH HERO-MATES	60	14,600	3.7	545		26	14,453	521	202	20
STATES-	46,47												
1215995	ATBITH TY VIC KING JASCN.....												
11-25-52	923749 2790993	538	AI DAUGHTERS-25*	1245	13,310	3.8	509						
AI STU0,	31-01 LISTE0, 02-66	527	WITH HERO-MATES	1215	13,317	3.8	509		18	13,220	493	109	17
STATES-	31,33,35,41,42,48,54,												
55,56,57,61,63,74,84													
1216567	BU00 FARM MASTER DUKE.....												
05-19-53	1125174 2017792	1436	AI DAUGHTERS-25*	2896	12,965	3.9	508						
AI STU0,	42-02 LISTE0, 02-66	1398	WITH HERO-MATES	2831	12,970	3.9	508		16	13,289	483	292-	26
STATES-	21,23,32,33,34,35,41,												
42,43,47,48,51,52,64,71,73,74,		7	NON-AI DAUGHTERS	22	13,300	4.0	531						
84,93		7	WITH HERO-MATES	22	13,300	4.0	531		14	12,569	449		
1216668	POESTENKILL MOOEL ORMSBY.....*												
07-07-53	1148993 3043657	514	AI DAUGHTERS-25*	570	14,383	3.6	515						
AI STU0,	35-75 LISTE0, 02-66	512	WITH HERO-MATES	568	14,394	3.6	515		27	14,682	536	121-	14-
STATES-	12,13,14,16,21,22,23,												
31,32,33,34,35,41,42,46,47,48,		59	NON-AI DAUGHTERS	126	14,435	3.6	524						
51,52,55,57,72,73,82,84,87,93		59	WITH HERO-MATES	126	14,435	3.6	524		18	15,129	559		
1216909	CURTISS CANOY PRODU NORSEMAN.....*												
10-06-53	1056882 3010333	805	AI DAUGHTERS-25*	1657	13,048	3.8	494						
AI STU0,	33-03 LISTE0, 02-66	799	WITH HERO-MATES	1648	13,058	3.8	494		19	13,440	494	335-	2
STATES-	11,12,13,14,15,16,21,												
22,23,31,32,33,34,35,41,42,43,		6	NON-AI DAUGHTERS	22	12,495	3.8	473						
45,46,47,48,50,51,52,54,55,56,		6	WITH HERO-MATES	22	12,495	3.8	473		21	13,006	480		
61,71,73,74,82,87,92,93													
1216957	JESS PABST LEAOR.....*												
09-06-53	915940 2987495	3110	AI DAUGHTERS-25*	7045	13,625	3.7	510						
AI STU0,	33-03 LISTE0, 02-66	3032	WITH HERO-MATES	6908	13,638	3.7	511		19	13,539	497	146	16
STATES-	11,12,13,14,15,16,21,												
22,23,31,32,33,34,35,41,42,43,													
45,46,47,48,50,51,52,54,55,56,													
57,58,61,63,71,73,74,82,84,87,													
91,92,93,94													
1217100	8EL VESTA PAUL SIGNALMAN.....												
07-29-51	1072326 3185647	79	AI DAUGHTERS-24	146	12,659	3.7	468						
AI STU0,	41-25 LISTE0, 02-66	52	WITH HERO-MATES	93	12,685	3.7	466		25	13,257	484	399-	12-
STATES-	42,47												
		22	NON-AI DAUGHTERS	41	11,635	3.9	455						
		18	WITH HERO-MATES	29	11,736	4.0	470		6	12,213	459		
1217478	MEA00M SPRINGS BARON AIM.....*												
06-13-53	1127032 2630850	229	AI DAUGHTERS-25*	229	13,337	3.9	518						
AI STU0,	51-02 LISTE0, 02-66	228	WITH HERO-MATES	228	13,317	3.9	517		21	13,139	501	171	17
STATES-	23,51,52,54,55,61												
		81	NON-AI DAUGHTERS	186	14,695	3.9	570						
		81	WITH HERO-MATES	185	14,696	3.9	570		17	14,539	548		
1217611	SIR KILLYBRACKEN ENCCRE PUNCH.....												
07-20-53	1089999 2993544	608	AI DAUGHTERS-25*	737	14,155	3.6	505						
AI STU0,	35-75 LISTE0, 02-66	608	WITH HERO-MATES	736	14,152	3.6	505		27	13,809	500	405	7
STATES-	13,21,23,32,33,34,35,												
41,42,43,45,46,47,48,55,56,57,		25	NON-AI DAUGHTERS	88	13,787	3.6	502						
64,71,73,74,82,84,91,93		25	WITH HERO-MATES	88	13,787	3.6	502		20	13,422	499		

SIRE OF DHIA DAUGHTERS

				AV. RECORDS	PRODUCTION OF MILK LB	TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PREC. MILK LB	DIFF. FAT LB
HOLSTEIN												
1217639	LAVACRES OUSTY JO PEGASUS.....*											
07-11-53	1117035 3276942	210	AI DAUGHTERS-25*	239	15,034	3.8	574					
AI STUO, 93-01	LISTED, 02-66	210	WITH HERD-MATES	239	15,034	3.8	574	79	15,588	569	275-	13
STATES-	12,31,33,35,52,93											
		17	NON-AI DAUGHTERS	22	14,598	3.7	545					
		17	WITH HERD-MATES	22	14,598	3.7	545	30	15,842	580		
1218253	LAKEFIELD F08ES 8ARON.....											
07-01-53	1005816 3122129	896	AI DAUGHTERS-25*	1763	13,337	3.6	476					
AI STUO, 61-01	LISTED, 02-66	832	WITH HERD-MATES	1634	13,371	3.6	477	17	12,812	462	521	14
STATES-	23,31,32,33,43,61,63											
1221226	SMOKY HILL WHIRLWIND MARK.....*											
12-04-53	1068870 3376604	120	AI DAUGHTERS-25*	120	14,680	3.6	529					
AI STUO, 35-75	LISTED, 02-66	119	WITH HERD-MATES	119	14,721	3.6	530	48	14,970	548	50-	9-
STATES-	13,16,21,22,23,31,32,											
33,34,35,41,42,43,45,47,48,55,		21	NON-AI DAUGHTERS	40	15,837	3.5	552					
57,64,74,82,84,85,87,93		21	WITH HERD-MATES	39	15,833	3.5	551	28	13,817	499		
1221835	COLLINS-CREST REBURKE DUKE.....*											
09-10-53	1112211 2939103	756	AI DAUGHTERS-25*	1120	15,081	3.6	536					
AI STUO, 21-01	LISTED, 02-66	754	WITH HERD-MATES	1118	15,085	3.6	536	26	14,346	517	845	22
STATES-	13,14,16,21,22,23,47											
		46	NON-AI DAUGHTERS	165	15,875	3.4	541					
		46	WITH HERD-MATES	165	15,875	3.4	541	15	14,237	487		
1221917	F08ES PAULINE KORNOYKE BURKE.....											
03-13-53	860768 2628734	1738	AI DAUGHTERS-25*	3253	13,052	3.6	464					
AI STUO, 52-01	LISTED, 02-66	1674	WITH HERD-MATES	3118	13,075	3.6	465	28	13,010	474	59	9-
STATES-	21,52,55											
		9	NON-AI DAUGHTERS	19	11,158	3.6	399					
		9	WITH HERD-MATES	18	11,111	3.6	396	19	12,381	459		
1222048	KIL-BAR TREASURE ELM RIOGE.....											
10-07-53	1114547 2896978	1320	AI DAUGHTERS-25*	1988	13,389	3.9	528					
AI STUO, 41-25	LISTED, 02-66	1309	WITH HERD-MATES	1973	13,400	3.9	528	16	13,398	494	35	35
STATES-	33,35,41,42,45,46,47,											
74		28	NON-AI DAUGHTERS	79	14,964	3.9	586					
		28	WITH HERD-MATES	79	14,964	3.9	586	16	14,357	525		
1222726	PABST LEADER COUNT.....*											
10-22-53	915940 2933854	320	AI DAUGHTERS-25*	660	14,154	3.4	479					
AI STUO, 35-02	LISTED, 02-66	319	WITH HERD-MATES	659	14,156	3.4	479	18	13,459	489	694	8-
STATES-	22,32,34,35,41,43,51,											
61,65		34	NON-AI DAUGHTERS	136	14,137	3.5	498					
		34	WITH HERD-MATES	135	14,156	3.5	498	13	13,527	501		
1222954	HAROEN FARMS DUKE MARK.....*											
11-23-53	1112211 3061491	505	AI DAUGHTERS-25*	540	15,312	3.7	560					
AI STUO, 35-75	LISTED, 02-66	505	WITH HERD-MATES	540	15,312	3.7	560	31	14,546	533	879	32
STATES-	12,13,16,21,22,23,31,											
32,33,34,35,41,42,51,52,55,56,		96	NON-AI DAUGHTERS	285	15,520	3.6	558					
57,58,64,82,88,93		96	WITH HERD-MATES	283	15,509	3.6	558	19	14,457	518		
12239C4	WINTERHUR EXCEL ALPHA INKLE.....											
10-15-53	1100192 3474858	271	AI DAUGHTERS-25*	272	14,252	3.5	505					
AI STUO, 52-01	LISTED, 02-66	271	WITH HERD-MATES	272	14,252	3.5	505	22	13,694	499	578	7
STATES-	52,55											
		85	NON-AI DAUGHTERS	201	14,375	3.7	528					
		85	WITH HERD-MATES	201	14,379	3.7	528	23	13,626	499		
1223921	BRAUNS SUNNY LEA RAVEN.....											
07-25-53	909839 2791401	888	AI DAUGHTERS-25*	1153	13,110	3.6	474					
AI STUO, 35-75	LISTED, 02-66	873	WITH HERD-MATES	1131	13,108	3.6	474	22	13,861	507	658-	29-
STATES-	13,21,22,33,34,35,41,											
42,43,45,46,52,55,57,58,63,71,		59	NON-AI DAUGHTERS	175	13,597	3.6	488					
74,82,87,91,92,93		59	WITH HERD-MATES	173	13,611	3.6	489	13	13,734	497		
1223970	CARNATION MAGIC KID-TWIN.....											
11-30-53	1075872 2806672	492	AI DAUGHTERS-25*	894	13,856	3.5	480					
AI STUO, 87-01	LISTED, 02-66	459	WITH HERD-MATES	843	13,881	3.5	481	20	13,656	487	273	5-
STATES-	82,83,84,87,88											
12241C2	HICKORY CREEK JURYMAN.....											
10-03-53	949159 2769619	73	AI DAUGHTERS-25*	74	13,303	3.6	475					
AI STUO, 35-02	LISTED, 02-66	73	WITH HERD-MATES	74	13,303	3.6	475	18	13,822	507	347-	23-
STATES-	32,33,35,64											
		31	NON-AI DAUGHTERS	76	13,717	3.7	501					
		31	WITH HERD-MATES	76	13,717	3.7	501	15	14,409	532		
1224316	PABST RAVEN KING.....*											
11-25-53	909839 2741075	486	AI DAUGHTERS-25*	695	13,968	3.6	501					
AI STUO, 35-02	LISTED, 02-66	486	WITH HERD-MATES	695	13,968	3.6	501	18	13,987	510	71	6-
STATES-	22,23,34,35,41,72											
		13	NON-AI DAUGHTERS	31	12,984	3.7	486					
		13	WITH HERD-MATES	31	12,984	3.7	486	11	13,320	495		
1224837	S V F MARIO VAR DUTCHLANO.....											
12-23-53	1017797 2872651	457	AI DAUGHTERS-25*	812	13,825	3.7	511					
AI STUO, 31-01	LISTED, 02-66	453	WITH HERD-MATES	807	13,831	3.7	511	23	13,800	505	100	9
STATES-	21,22,23,31,51,74,84											
		8	NON-AI DAUGHTERS	28	15,154	3.8	570					
		8	WITH HERD-MATES	27	15,002	3.7	562	14	14,474	536		

SIRE OF DHIA DAUGHTERS

HOLSTEIN				AV. RECORDS	PRODUCTION MILK L8	OF TEST %	DAU. FAT L8	AOJ. AV. NUMBER	HERD-MATES MILK L8	AV. FAT L8	PRED. MILK L8	DIFF. FAT L8
1224863*											
STATES- 93		5 NON-AI DAUS.-04		5	15,470	3.3	512					
		5 WITH HERO-MATES		5	15,470	3.3	512	67	14,840	536		
								DIFF.	630	24-		
1224854	8URRILANE CHIEFTAIN.....*											
08-22-53	1133486 2090894	65 AI DAUGHTERS-25*		113	13,682	3.7	510					
AI STUO, 93-05	LISTED, 02-66	64 WITH HERO-MATES		112	13,674	3.7	510	152	14,532	531	541-	12-
STATES- 82,88,91,93												
1225075*											
STATES- 23,31		5 NON-AI DAUS.-02		5	13,882	3.9	535					
		5 WITH HERO-MATES		5	13,882	3.9	535	8	13,096	505		
								DIFF.	786	30		
1225575	8IRCH KNOLL COFFEYOALE PEARL.....*											
09-24-53	1029659 2553460	187 AI DAUGHTERS-25*		201	14,598	3.7	537					
AI STUO, 34-01	LISTED, 02-66	187 WITH HERO-MATES		201	14,598	3.7	537	24	13,966	504	653	33
STATES- 34												
		29 NON-AI DAUGHTERS		92	13,514	3.7	499					
		29 WITH HERO-MATES		89	13,530	3.7	499	11	13,791	505		
1225883	LONE ELM DEAN WAYNE.....*											
11-10-53	1109516 2544887	29 AI DAUGHTERS-24		29	15,332	3.6	545					
AI STUO, 35-75	LISTED, 02-66	29 WITH HERO-MATES		29	15,332	3.6	545	58	14,894	540	367	7
STATES- 32,34,35,41,42,43,48,55,57,72,74,84,93												
		29 NON-AI DAUGHTERS		74	11,911	3.6	433					
		29 WITH HERO-MATES		74	11,911	3.6	433	23	11,435	411		
1225915*											
STATES- 21		6 NON-AI DAUS.-01		6	13,685	3.5	477					
		6 WITH HERO-MATES		6	13,685	3.5	477	20	12,797	472		
								DIFF.	888	5		
1226332	NORTH CAROLINA PROSPECT EO.....*											
01-08-54	813911 2615548	74 AI DAUGHTERS-16		139	14,829	3.7	547					
AI STUO, 55-01	LISTED, 02-66	74 WITH HERO-MATES		139	14,829	3.7	547	35	14,891	540	95	10
STATES- 55												
1227000*											
STATES- 23		5 NON-AI DAUS.-03		10	11,258	3.8	428					
		5 WITH HERO-MATES		10	11,258	3.8	428	18	12,325	447		
								DIFF.	1,067-	19-		
1227684	ECRASO BURKE DONALO.....*											
02-20-54	895911 2483902	685 AI DAUGHTERS-25*		917	14,856	3.6	538					
AI STUO, 31-01	LISTED, 02-66	685 WITH HERO-MATES		916	14,858	3.6	538	20	14,494	528	492	15
STATES- 31,32,48,54,55,56,61,74,84,85												
		27 NON-AI DAUGHTERS		62	15,281	3.5	539					
		27 WITH HERO-MATES		61	15,231	3.5	538	12	15,136	554		
1227714	ROYAL SUSSEX PROGRESSOR.....*											
11-06-53	1169405 3265624	194 AI DAUGHTERS-25*		306	13,837	3.6	504					
AI STUO, 61-01	LISTED, 02-66	192 WITH HERO-MATES		304	13,850	3.6	505	18	13,597	496	278	10
STATES- 21,22,23,31,33,50,57,61,63,74,85												
		43 NON-AI DAUGHTERS		164	14,638	3.7	535					
		43 WITH HERO-MATES		163	14,659	3.7	536	10	14,586	552		
1227779	PUGET SOUND PRINCE.....*											
01-01-53	1175596 3108953	285 AI DAUGHTERS-25*		307	14,478	3.5	513					
AI STUO, 31-02	LISTED, 02-66	283 WITH HERO-MATES		305	14,431	3.5	511	22	14,162	515	354	0
STATES- 31,32,34,43,56,58,61,64,65,71,87,91												
		25 NON-AI DAUGHTERS		64	16,090	3.5	564					
		25 WITH HERO-MATES		63	16,124	3.5	565	12	14,638	533		
1229162	8RIGEEN TIOY LAD.....*											
03-22-54	972500 3018101	852 AI DAUGHTERS-25*		1604	13,049	4.0	525					
AI STUO, 12-03	LISTED, 02-66	838 WITH HERO-MATES		1584	13,071	4.0	525	18	13,545	516	415-	13
STATES- 11,12,13,14,16,21,23,35												
1230109	PARST LEADER WALK.....*											
02-26-54	915940 3267356	298 AI DAUGHTERS-25*		743	13,679	3.6	491					
AI STUO, 35-04	LISTED, 02-66	294 WITH HERO-MATES		735	13,688	3.6	492	16	13,382	489	316	4
STATES- 13,14,15,22,23,32,33,34,35,41,42,46,52,54,61,64,72,74,85												
1230486	8IG ROCK BURKE TEDDY.....*											
10-06-53	920915 3241217	1463 AI DAUGHTERS-25*		3126	13,731	3.6	495					
AI STUO, 23-11	LISTED, 02-66	1458 WITH HERO-MATES		3115	13,739	3.6	495	17	13,546	511	239	13-
STATES- 21,22,23,51												
		10 NON-AI DAUGHTERS		46	12,915	3.6	460					
		10 WITH HERO-MATES		46	12,915	3.6	460	14	12,894	491		
1231051	THE DUKE ZELDENRUST.....*											
08-02-53	924264 2645677	195 AI DAUGHTERS-25*		212	13,165	3.8	495					
AI STUO, 34-01	LISTED, 02-66	194 WITH HERO-MATES		211	13,166	3.8	496	25	13,938	507	620-	7-
STATES- 13,21,32,33,34,51,52,54,72,86												
		59 NON-AI DAUGHTERS		142	13,244	3.7	486					
		59 WITH HERO-MATES		142	13,244	3.7	486	21	13,445	489		
1231982	HOODS CHERRY HILL CHARLC.....*											
04-20-54	1017797 2617563	542 AI DAUGHTERS-25*		611	14,438	3.8	543					
AI STUO, 16-04	LISTED, 02-66	538 WITH HERO-MATES		607	14,433	3.8	542	29	14,226	535	312	13
STATES- 11,12,13,14,15,16,21,23												
		99 NON-AI DAUGHTERS		279	14,623	3.8	549					
		99 WITH HERO-MATES		279	14,623	3.8	549	56	14,475	539		

SIRE OF DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERO-MATES AV.			PROD. DIFF.	
HOLSTEIN				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
1237269 WIS HEADLIGHT.....*												
08-10-54	1192327	3531155	17	AI DAUGHTERS-08	27	14,429	3.6	52D				
AI STUD, 35-01	LISTED, 02-66		17	WITH HERD-MATES	27	14,429	3.6	520	8	14,058	519	216
STATES- 33,35												2
			25	NON-AI DAUGHTERS	95	14,295	3.6	508				
			25	WITH HERD-MATES	95	14,295	3.6	508	9	13,701	500	
1237270 WIS WHITE STANDARD.....												
08-14-54	999669	2508781	565	AI DAUGHTERS-25*	1030	13,111	3.6	47D				
AI STUD, 61-01	LISTED, 02-66		552	WITH HERD-MATES	998	13,125	3.6	47D	19	12,823	461	268
STATES- 33,61,63,65												8
1237277 H S F DEAN DUKE.....												
10-09-53	1112211	2995399	151	AI DAUGHTERS-25*	165	13,492	3.5	476				
AI STUD, 61-01	LISTED, 02-66		151	WITH HERD-MATES	165	13,492	3.5	476	23	13,352	476	149
STATES- 14,15,21,23,51,61												0
			50	NON-AI DAUGHTERS	132	13,902	3.7	512				
			49	WITH HERD-MATES	131	13,803	3.7	508	18	13,515	506	
1237666 CARNATION FIRST CHOICE.....*												
05-26-54	9438D2	2638030	456	AI DAUGHTERS-25*	956	13,247	3.7	494				
AI STUD, 35-05	LISTED, 02-66		455	WITH HERD-MATES	954	13,245	3.7	494	17	13,378	487	97-
STATES- 22,23,31,32,33,35,41,42,43,48,63,74,86												8
1238438 HOUDINI SPERGER M C 8LCSSOM.....												
11-13-53	1070226	2946638	58	AI DAUGHTERS-25*	58	14,346	3.7	529				
AI STUD, 35-75	LISTED, 02-66		58	WITH HERD-MATES	58	14,346	3.7	529	25	14,588	536	66-
STATES- 16,21,23,32,33,34,35,41,42,47,48,55,72,73,91,93,95												1-
			22	NON-AI DAUGHTERS	50	14,331	3.9	566				
			22	WITH HERD-MATES	50	14,331	3.9	566	18	14,164	546	
1238933 SANGARD FLOWER JO BURKE.....												
04-16-54	915811	2509063	187	AI DAUGHTERS-25*	187	13,943	3.9	538				
AI STUD, 34-01	LISTED, 02-66		186	WITH HERD-MATES	186	13,943	3.9	537	22	14,531	530	398-
STATES- 32,34,47												11
			76	NON-AI DAUGHTERS	9D	14,706	3.9	579				
			76	WITH HERD-MATES	90	14,706	3.9	579	32	15,039	569	
1239242 SEVENS BURKE SKYLARK.....												
07-02-54	1001822	3D92513	337	AI DAUGHTERS-25*	386	16,038	3.6	582				
AI STUD, 35-75	LISTED, 02-66		337	WITH HERD-MATES	386	16,038	3.6	582	112	15,181	550	1,008
STATES- 21,31,41,48,55,82,85,86,87,91,92,93												37
			39	NON-AI DAUGHTERS	119	14,522	3.7	541				
			39	WITH HERD-MATES	119	14,522	3.7	541	27	13,793	501	
123948D CULVER LIEU DICTATOR LEADER.....*												
03-25-54	1145788	3D99707	32	AI DAUGHTERS-19	61	14,723	3.8	565				
AI STUD, 32-02	LISTED, 02-66		32	WITH HERD-MATES	61	14,723	3.8	565	19	14,295	532	339
STATES- 31,32,33,55,61,87												24
1239885 HIGH MEADOW FARM SPIC - TWIN.....												
08-29-54	83187D	3203892	541	AI DAUGHTERS-25*	875	13,904	3.7	518				
AI STUD, 21-01	LISTED, 02-66		494	WITH HERD-MATES	800	13,963	3.7	520	24	14,146	512	71-
STATES- 13,16,21,22,23,47												12
1239886 HIGH MEADOW FARM SPAN -TWIN.....*												
08-29-54	831870	32D3892	3307	AI DAUGHTERS-25*	4489	14,386	3.7	534				
AI STUD, 21-01	LISTED, 02-66		3296	WITH HERD-MATES	4455	14,390	3.7	534	25	14,426	520	100
STATES- 13,14,16,21,22,23,35,47,51,55,58,63												18
1240123												
			5	NON-AI DAUS.-02	7	10,494	3.5	371				
STATES- 21,23			5	WITH HERD-MATES	7	10,494	3.5	371	5	12,822	47D	
									DIFF.	2,328-	99-	
1240125 SPRUCE LAWN CHIEFTAIN SPICE.....												
08-24-54	829220	3220786	888	AI DAUGHTERS-25*	1306	14,832	3.6	535				
AI STUD, 21-01	LISTED, 02-66		881	WITH HERD-MATES	1283	14,843	3.6	535	25	14,230	514	713
STATES- 12,13,14,16,21,23,47												24
1240374												
			5	NON-AI DAUS.-01	5	14,852	3.7	551				
STATES- 33			5	WITH HERD-MATES	5	14,852	3.7	551	14	14,280	541	
									DIFF.	572	10	
1240549 DIAMOND S MR BEAUTY 8A VAR.....												
04-09-54	879145	2682027	510	AI DAUGHTERS-25*	555	14,835	3.7	545				
AI STUD, 35-75	LISTED, 02-66		509	WITH HERD-MATES	553	14,848	3.7	546	64	14,766	533	243
STATES- 13,21,23,31,32,33,34,35,41,42,43,46,47,48,52,55,57,71,73,74,82,84,85,86,87,88,91,92,93												18
			35	NON-AI DAUGHTERS	60	13,814	3.6	496				
			35	WITH HERD-MATES	59	13,834	3.6	496	95	14,415	515	
1241276 HIGH MEADOW FARM ADA.....												
09-10-54	846425	2997745	248	AI DAUGHTERS-25*	481	12,249	3.7	450				
AI STUD, 51-02	LISTED, 02-66		243	WITH HERD-MATES	475	12,272	3.7	450	17	11,920	440	220
STATES- 23,31,51,52,54												6
1241427 SRD ADVANCER PRESIDENT.....*												
10-09-54	1203158	3318169	20	NON-AI DAUS.-04	37	16,064	3.9	622				
AI STUD, 35-75	LISTED, 02-66		20	WITH HERD-MATES	37	16,064	3.9	622	49	15,190	562	
STATES- 74									DIFF.	874	60	
1241487 WIS RAVEN CYCLONE.....*												
11-16-54	119576D	2477373	57	NDN-AI DAUS.-24	174	16,316	3.6	588				
AI STUD, 31-02	LISTED, 02-66		56	WITH HERD-MATES	171	16,261	3.6	585	20	16,353	6D4	
STATES- 14,16,21,31,35,43,51,52,64									DIFF.	92-	19-	

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERO-MATES AV.			PREO. DIFF.	
HOLSTEIN				RECORDS NUMBER	MILK LB	TEST %	FAT LB	AV. NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1241914	RIVER VALLEY WALLIE SUPREME.....											
11-C9-54	1190632 3002373	206	AI DAUGHTERS-25*	211	14,597	3.5	514					
AI STUD, 33-03	LISTED, 02-66	206	WITH HERD-MATES	211	14,597	3.5	514	18	13,821	507	776	9
STATES-	11,12,13,14,16,21,22,											
23,31,32,33,34,35,41,42,43,46,		69	NON-AI DAUGHTERS	133	16,007	3.5	567					
48,51,52,55,61,63,65,71,74,82,		69	WITH HERD-MATES	133	16,007	3.5	567	24	15,003	549		
84,93												
1242163	WOODSIDE FARM SEELEY CCAPOK.....											
07-14-54	831870 2832284	456	AI DAUGHTERS-25*	668	14,899	3.3	493					
AI STUD, 21-01	LISTED, 02-66	453	WITH HERD-MATES	663	14,925	3.3	494	25	14,160	511	837	13-
STATES-	13,14,21,23,35,51											
1242185	OODRTHIL COLANTHA LUCIFER.....											
07-23-54	1151694 3552631	9	AI DAUGHTERS-08	9	15,316	3.6	553					
AI STUD, 35-75	LISTED, 02-66	9	WITH HERD-MATES	9	15,316	3.6	553	39	14,989	538	161	7
STATES-	13,16,21,23,32,51,55,											
93		29	NON-AI DAUGHTERS	76	12,898	3.9	502					
		29	WITH HERD-MATES	76	12,898	3.9	502	24	12,626	484		
1242154	MT PLEASANT BURKOWANA PRIOE.....											
11-19-53	1083519 2800337	178	AI DAUGHTERS-25*	364	13,423	3.6	489					
AI STUD, 41-25	LISTED, 02-66	177	WITH HERD-MATES	361	13,437	3.6	490	20	13,082	468	321	19
STATES-	42,43											
1242278	ZELDENRUST CONCENTRATE.....											
10-03-54	1204515 3699465	920	AI DAUGHTERS-25*	1739	13,561	3.7	503					
AI STUD, 11-01	LISTED, 02-66	878	WITH HERD-MATES	1667	13,561	3.7	503	22	13,311	503	269	3
STATES-	11,12,13,14,16,21											
1242338	PABST LEADER COMRE.....*											
08-17-54	915940 2973772	286	AI DAUGHTERS-25*	475	13,796	4.0	547					
AI STUD, 41-25	LISTED, 02-66	285	WITH HERD-MATES	473	13,803	4.0	547	18	13,646	505	202	42
STATES-	33,35,41,42,45,46,61,											
86		21	NON-AI DAUGHTERS	50	14,793	3.8	565					
		21	WITH HERD-MATES	50	14,793	3.8	565	10	13,694	489		
1242667	CARNATION HOMESTEAD SKYBOY.....*											
07-08-54	943802 3010586	332	AI DAUGHTERS-25*	700	14,104	3.6	512					
AI STUD, 35-04	LISTED, 02-66	331	WITH HERD-MATES	697	14,102	3.6	512	16	13,645	496	487	17
STATES-	14,23,31,32,33,34,35,											
41,42,45,46,51,57,61,63		40	NON-AI DAUGHTERS	119	12,974	3.7	474					
		40	WITH HERD-MATES	118	12,986	3.7	475	22	13,090	482		
1243697	LAKEFIELD FOND HOPE.....*											
12-04-54	010212300 3232651	18	AI DAUGHTERS-14	18	12,974	3.6	471					
AI STUD, 31-01	LISTED, 02-66	17	WITH HERD-MATES	17	13,126	3.6	477	15	14,645	525	624-	20-
STATES-	12,13,21,23,31,35,41,											
42,43,47,48,51,56,61,63,71,73,		210	NON-AI DAUGHTERS	411	13,613	3.7	508					
74,84,85,87		210	WITH HERD-MATES	411	13,613	3.7	508	16	13,543	494		
1243699*											
		5	NON-AI DAUGHTERS-05	11	12,590	3.6	455					
STATES-	35,55	5	WITH HERD-MATES	11	12,590	3.6	455	17	12,235	449		
								DIFF.	355	6		
1244185	PETRO N O S NUOINE.....											
11-13-52	846856 3653740	554	AI DAUGHTERS-25*	1061	13,803	3.8	526					
AI STUD, 11-01	LISTED, 02-66	547	WITH HERD-MATES	1053	13,805	3.8	526	18	13,337	504	478	24
STATES-	11,12,14											
		38	NON-AI DAUGHTERS	126	13,663	3.9	530					
		38	WITH HERD-MATES	126	13,663	3.9	530	16	12,973	501		
1244549*											
		5	NON-AI DAUGHTERS-03	15	11,255	3.5	395					
STATES-	35,42,61	5	WITH HERD-MATES	15	11,255	3.5	395	17	11,748	408		
								DIFF.	493-	13-		
1244845	GRAY VIEW SKYLINER.....*											
09-15-54	1189593 3352652	4842	AI DAUGHTERS-25*	7468	14,955	3.6	539					
AI STUD, 33-03	LISTED, 02-66	4831	WITH HERD-MATES	7443	14,950	3.6	539	22	14,230	522	833	22
STATES-	11,12,13,14,15,16,21,											
22,23,31,32,33,34,35,41,42,43,		234	NON-AI DAUGHTERS	548	14,690	3.6	524					
45,46,47,48,50,51,52,54,55,56,		233	WITH HERD-MATES	547	14,707	3.6	524	25	13,974	512		
57,58,61,63,64,65,71,72,73,74,												
81,82,84,85,86,87,88,91,92,93												
1245016*											
		8	NON-AI DAUGHTERS-04	10	9,591	3.3	318					
STATES-	21	8	WITH HERD-MATES	10	9,591	3.3	318	15	10,535	378		
								DIFF.	944-	60-		
1245671	GLENMORE REGENT.....*											
11-09-54	1143067 3009623	19	AI DAUGHTERS-11	33	13,473	3.8	513					
AI STUD, 35-01	LISTED, 02-66	19	WITH HERD-MATES	33	13,473	3.8	513	15	13,475	494	19	10
STATES-	35,41											
1246183	ROSAFE CALIBAN.....*											
09-02-53	010121004 010813661	988	AI DAUGHTERS-25*	1930	13,849	3.4	475					
AI STUD, 31-02	LISTED, 02-66	972	WITH HERD-MATES	1899	13,851	3.4	475	24	13,862	500	68	23-
STATES-	23,31,32,34,35,43,54,											
55,56,57,58,61,64,65,74,84,86												
1246729	JONDALE RAVEN.....											
02-C9-54	909839 2473024	939	AI DAUGHTERS-25*	1801	12,392	3.9	488					
AI STUD, 41-25	LISTED, 02-66	894	WITH HERD-MATES	1712	12,398	3.9	488	17	13,115	481	695-	7
STATES-	33,34,35,41,42,45,46,											
47		13	NON-AI DAUGHTERS	33	11,511	4.0	461					
		13	WITH HERD-MATES	33	11,511	4.0	461	11	12,792	465		

SIRE OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF OAU.			AOJ. HERD-MATES AV. PRED. DIFF.		
				RECORDS MILK TEST FAT			AV. MILK FAT	MILK FAT	
				NUMBER LB % LB			NUMBER LB LB	LB LB	LB LB
1247C08 ALBRECHT TRADEMARK BURKE LAO.....									
09-23-54 1195221 3243903 9 AI DAUGHTERS-09				9	13,208	3.9	514		
AI STUD, 41-01 LISTED, 02-66 9 WITH HERD-MATES				9	13,208	3.9	514	12 14,618	535 389- 5-
STATES- 41									
	58 NON-AI DAUGHTERS			115	13,446	3.7	497		
	58 WITH HERD-MATES			115	13,446	3.7	497	12 13,490	479
1247009 ALBRECHT TRADEMARK.....									
09-24-54 1195221 2925648 151 AI DAUGHTERS-25*				156	13,465	3.6	483		
AI STUD, 41-01 LISTED, 02-66 151 WITH HERD-MATES				156	13,465	3.6	483	16 13,663	485 122- 1-
STATES- 41,42,45,46									
	56 NON-AI DAUGHTERS			141	14,672	3.5	518		
	56 WITH HERD-MATES			141	14,672	3.5	518	14 14,291	501
1247372*									
	5 NON-AI DAUS.-05			11	15,483	3.5	545		
STATES- 21,23	5 WITH HERD-MATES			11	15,483	3.5	545	16 14,053	515
								DIFF. 1,430	30
1249430 PABST CHIEF.....									
01-31-55 915940 3365310 239 AI DAUGHTERS-25*				240	14,677	3.7	543		
AI STUD, 35-75 LISTED, 02-66 239 WITH HERD-MATES				240	14,677	3.7	543	36 14,193	515 550 30
STATES- 21,22,23,31,32,33,34, 56 NON-AI DAUGHTERS				128	14,083	3.6	503		
35,42,43,46,47,48,55,71,73,74, 56 WITH HERD-MATES				126	14,082	3.6	503	14 13,248	471
85,93									
1249755 CARNATION MADCAP MAGISTRATE.....*									
11-13-54 1152252 3339580 625 AI DAUGHTERS-25*				917	13,866	3.6	499		
AI STUD, 35-05 LISTED, 02-66 625 WITH HERD-MATES				917	13,866	3.6	499	18 13,852	504 90 2-
STATES- 22,33,34,35,41,42,81, 24 NON-AI DAUGHTERS				57	15,878	3.6	566		
82,83,86,87,91,92 24 WITH HERD-MATES				57	15,878	3.6	566	14 15,538	583
1250847*									
	6 NON-AI DAUS.-03			8	12,991	3.3	434		
STATES- 82	6 WITH HERD-MATES			8	12,991	3.3	434	13 14,992	521
								DIFF. 2,001-	87-
1251271 RAINBOW OX BOW 12TH.....									
10-23-54 1175533 2460920 389 AI DAUGHTERS-25*				658	14,699	3.6	534		
AI STUD, 91-13 LISTED, 02-66 385 WITH HERD-MATES				645	14,735	3.6	534	22 14,137	514 671 23
STATES- 41,45,91,92									
1252142 DISTINCTION LADDER COLONY.....									
04-01-55 1091010 2839166 220 AI DAUGHTERS-25*				263	14,513	3.6	522		
AI STUD, 35-02 LISTED, 02-66 220 WITH HERD-MATES				263	14,513	3.6	522	19 14,036	514 527 11
STATES- 21,34,35,52,58,64									
	25 NON-AI DAUGHTERS			79	13,861	3.8	525		
	25 WITH HERD-MATES			79	13,861	3.8	525	15 13,414	500
1252864*									
	5 NON-AI DAUS.-02			18	14,214	3.5	500		
STATES- 31	5 WITH HERD-MATES			18	14,214	3.5	500	16 13,399	473
								DIFF. 815	27
1252934 SPRUCE LAWN WAYOEO.....									
03-12-55 837025 2778214 885 AI DAUGHTERS-25*				1239	14,887	3.6	539		
AI STUD, 21-01 LISTED, 02-66 878 WITH HERD-MATES				1227	14,894	3.6	540	26 14,274	514 724 29
STATES- 13,14,16,21,23,47,51									
1252985 THONYMA ORMSBY SENATOR.....*									
12-25-54 1196645 3417595 58 NON-AI DAUS.-20				79	14,359	3.6	516		
AI STUD, 33-03 LISTED, 02-66 58 WITH HERD-MATES				79	14,359	3.6	516	26 15,443	558
STATES- 31,33,35,41,43,47,73, 84,86,87								DIFF. 1,084-	42-
1253032 PABST CHIEFTAIN.....									
10-15-54 915940 3095699 531 AI DAUGHTERS-25*				632	13,914	3.6	503		
AI STUD, 34-01 LISTED, 02-66 530 WITH HERD-MATES				631	13,913	3.6	503	24 13,936	507 63 1-
STATES- 32,34,57,61									
	54 NON-AI DAUGHTERS			125	12,956	3.6	467		
	54 WITH HERD-MATES			124	12,962	3.6	467	16 13,612	495
1253351 SOVEREIGN EXRANCO MAGIC.....									
10-31-54 1138451 3596419 120 AI DAUGHTERS-05				197	15,244	3.8	581		
AI STUD, 93-03 LISTED, 02-66 120 WITH HERD-MATES				197	15,244	3.8	581	159 15,159	551 253 32
STATES- 92,93									
1254225*									
	5 NON-AI DAUS.-05			6	14,260	3.7	529		
STATES- 23	5 WITH HERD-MATES			6	14,260	3.7	529	13 15,531	603
								DIFF. 1,271-	74-
1255108 VIGD RAVEN ROBURKE.....									
11-05-54 909839 3494405 13 AI DAUGHTERS-09				19	11,889	3.4	409		
AI STUD, 94-01 LISTED, 02-66 13 WITH HERD-MATES				19	11,889	3.4	409	24 12,039	429 99- 10-
STATES- 35,57,71,94									
	13 NON-AI DAUGHTERS			27	12,506	3.4	429		
	13 WITH HERD-MATES			27	12,506	3.4	429	12 13,736	495
1257239 KAYTEE JDATE.....*									
03-26-54 1083738 3051175 660 AI DAUGHTERS-25*				799	13,788	3.6	500		
AI STUD, 31-01 LISTED, 02-66 659 WITH HERD-MATES				798	13,795	3.6	500	20 14,524	530 566- 24-
STATES- 31,32,35,42,61,74,84, 91									
	23 NON-AI DAUGHTERS			44	12,557	3.8	472		
	23 WITH HERD-MATES			44	12,557	3.8	472	16 13,943	513

SIREN OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF DAU.	ADJ. HERD-MATES AV.	PRED. DIFF.	
				RECORDS MILK TEST FAT	AV. MILK FAT	MILK FAT	
				NUMBER LB % LB	NUMBER LB LB	L8 LB	L8 LB
1257240 KAYTEE ARISTOCRAT FDBES.....*							
07-23-54 1083738 2851794	31	NON-AI DAUS.-08	89	13,492	3.7	501	
AI STUD, 31-01 LISTED, 02-66	31	WITH HERD-MATES	89	13,492	3.7	501	
STATES- 31,35,46,74						16	14,143
						DIFF.	651-
							12-
1258673 GREEN NOTCH SEGIS GINGER.....							
08-16-54 1157409 3333442	3107	AI DAUGHTERS-25*	3917	14,074	4.1	572	
AI STUD, 35-75 LISTED, 02-66	3090	WITH HERD-MATES	3898	14,075	4.1	572	
STATES- 12,13,14,16,21,22,23,						40	14,507
31,32,33,34,35,41,42,45,46,48,	51	NON-AI DAUGHTERS	130	14,154	4.1	586	
52,55,56,57,58,64,71,74,82,85,	51	WITH HERD-MATES	130	14,154	4.1	586	
86,87,88,91,92,93						26	14,882
							560
1259039 WIS VENUS SUPREME.....*							
06-13-55 1151280 2347083	42	AI DAUGHTERS-25*	51	14,534	3.7	532	
AI STUD, 35-03 LISTED, 02-66	42	WITH HERD-MATES	51	14,534	3.7	532	
STATES- 21,23,31,34,35,41,56,						18	14,705
57,93							539
	17	NON-AI DAUGHTERS	34	12,968	3.8	494	
	17	WITH HERD-MATES	34	12,968	3.8	494	
						25	13,951
							508
1259069 POESTENKILL LEADER BELLE 80Y.....*							
01-27-54 915940 3110975	1007	AI DAUGHTERS-25*	1087	15,237	3.6	551	
AI STUD, 35-75 LISTED, 02-66	1004	WITH HERD-MATES	1084	15,244	3.6	551	
STATES- 12,13,14,16,21,22,23,						27	14,642
31,32,33,34,35,41,42,43,46,47,	57	NON-AI DAUGHTERS	136	15,510	3.7	567	
48,50,51,52,55,57,58,61,63,73,	57	WITH HERD-MATES	135	15,458	3.7	566	
74,84,51,92,93						22	15,027
							552
1260272*							
STATES- 34	5	NON-AI DAUS.-03	5	12,628	3.6	451	
	5	WITH HERD-MATES	5	12,628	3.6	451	
						15	12,264
						DIFF.	364
							454
							3-
1260405 TALOGA ADDHR DIXIE.....							
12-17-54 1210112 3278052	363	AI DAUGHTERS-25*	425	12,385	3.7	460	
AI STUD, 48-01 LISTED, 02-66	361	WITH HERD-MATES	423	12,390	3.7	460	
STATES- 21,43,47,48,65,73,74,						23	13,287
85							486
	34	NON-AI DAUGHTERS	55	11,787	3.5	409	
	34	WITH HERD-MATES	54	11,742	3.5	407	
						19	12,257
							434
1261140 SPERGER MADCAP SKYMASTER.....							
01-29-54 1070226 2893012	975	AI DAUGHTERS-25*	1339	13,790	3.5	488	
AI STUD, 41-01 LISTED, 02-66	973	WITH HERD-MATES	1336	13,783	3.5	488	
STATES- 35,41,42,45,46,91						16	13,469
							484
	24	NON-AI DAUGHTERS	57	12,812	3.7	479	
	23	WITH HERD-MATES	56	12,912	3.7	484	
						15	13,389
							501
1261631 ELMER BROOK PIRATE HCMESTEAD.....*							
07-19-55 1220074 3398044	159	AI DAUGHTERS-25*	339	13,183	3.7	487	
AI STUD, 35-05 LISTED, 02-66	159	WITH HERD-MATES	339	13,183	3.7	487	
STATES- 33,35,41,42,72						17	13,684
							503
							390-
							12-
1261743 BIG ROCK DRMSBY TRIUNE.....*							
10-07-54 955619 3665883	37	NON-AI DAUS.-11	97	13,853	4.2	577	
AI STUD, 23-11 LISTED, 02-66	37	WITH HERD-MATES	97	13,853	4.2	577	
STATES- 21,23						14	14,557
						DIFF.	704-
							556
							21
1261857 ZIMMERMAN ALSTAR PILCT.....*							
12-28-54 1080016 3896921	114	AI DAUGHTERS-25*	222	15,981	4.0	633	
AI STUD, 35-75 LISTED, 02-66	114	WITH HERD-MATES	220	15,976	4.0	633	
STATES- 21,22,23,34,42,51,52,						16	15,243
84							592
							808
							45
1262442 EILLOC THE CROWN PRINCE.....							
01-08-55 1212056 3372154	31	AI DAUGHTERS-02	70	14,801	3.7	546	
AI STUD, 93-03 LISTED, 02-66	31	WITH HERD-MATES	70	14,801	3.7	546	
STATES- 93						160	15,260
							558
							145-
							2-
1262587 ELMOKA OLIVER HOMESTEAD.....							
04-01-55 1213268 2816711	372	AI DAUGHTERS-25*	455	13,851	3.7	511	
AI STUD, 41-25 LISTED, 02-66	371	WITH HERD-MATES	454	13,848	3.7	511	
STATES- 35,41,42,45,74						24	13,427
							501
							434
							11
	26	NON-AI DAUGHTERS	52	14,253	3.8	544	
	26	WITH HERD-MATES	52	14,253	3.8	544	
						13	14,441
							544
1263007 WIS MAESTRO.....*							
09-28-55 1189593 3111751	2514	AI DAUGHTERS-25*	5280	13,713	3.6	488	
AI STUD, 34-01 LISTED, 02-66	2466	WITH HERD-MATES	5199	13,704	3.6	488	
STATES- 13,14,15,16,21,22,23,						19	13,806
31,32,33,34,35,42,46,47,50,51,	23	NON-AI DAUGHTERS	81	13,638	3.7	499	
52,56,73,91,93	23	WITH HERD-MATES	81	13,638	3.7	499	
						24	13,497
							494
1263152 WIPLEDALE KORNDYKE PRINCE.....							
04-28-55 860768 3196092	644	AI DAUGHTERS-25*	1048	13,456	3.7	494	
AI STUD, 52-01 LISTED, 02-66	642	WITH HERD-MATES	1044	13,455	3.7	494	
STATES- 11,23,52,55,63						33	13,143
							477
							310
							16
1263512 DICHERE GLO-RIDGE LEADER.....*							
09-20-55 915940 3213225	40	AI DAUGHTERS-25*	40	13,107	4.0	519	
AI STUD, 31-02 LISTED, 02-66	40	WITH HERD-MATES	40	13,107	4.0	519	
STATES- 31,32,33,43,56,58						25	14,455
							517
							805-
							4
	26	NON-AI DAUGHTERS	53	12,283	4.1	500	
	26	WITH HERD-MATES	53	12,283	4.1	500	
						15	13,612
							489
1263835 OAWNVALE MASTERPIECE MYSTIC - TWIN.....							
10-18-55 929962 3443035	147	AI DAUGHTERS-25*	266	13,560	3.6	493	
AI STUD, 21-01 LISTED, 02-66	146	WITH HERD-MATES	265	13,542	3.6	493	
STATES- 13,21,23						23	14,068
							508
							374-
							11-

SIRE OF OHIA DAUGHTERS

HOLSTEIN			AV. PRODUCTION OF DAU.	AOJ. HERD-MATES AV.		PRED. DIFF.
			RECORDS MILK TEST FAT	AV. MILK FAT		MILK FAT
			NUMBER LB % LB	NUMBER LB LB		L8 L8
1264175						
	5 NON-AI DAUS.-03	18	16,496 3.6 592			
STATES- 21	5 WITH HERD-MATES	18	16,496 3.6 592	12 15,059 548		
				DIFF. 1,437 44		
1265166 ROCK RIVER COUNT.....*						
11-25-55 1216567 2891773	382 AI DAUGHTERS-25*	384	13,650 3.8 517			
AI STUD, 35-02 LISTED, 02-66	381 WITH HERD-MATES	383	13,648 3.8 517	18 14,095 515	326-	6
STATES- 11,14,21,23,31,33,34,						
35,42,51,52,57,61,65,74,87,92	64 NON-AI DAUGHTERS	135	13,384 3.8 514			
	64 WITH HERD-MATES	135	13,384 3.8 514	21 13,830 511		
1265289 ROYAL HOPE BLUEBIRD.....*						
01-02-55 01012300 010628438	28 NON-AI DAUS.-02	51	12,353 3.5 435			
AI STUD, 65-02 LISTED, 02-66	28 WITH HERD-MATES	51	12,353 3.5 435	23 13,151 450		
STATES- 64				DIFF. 798- 15-		
1265694 GLENELG HONEYMAN DON.....						
02-23-55 1210938 3326003	53 AI DAUGHTERS-25*	64	14,397 3.4 493			
AI STUD, 41-25 LISTED, 02-66	52 WITH HERD-MATES	63	14,399 3.4 494	22 13,070 469	960	17
STATES- 33,42,43,47,48,71						
	33 NON-AI DAUGHTERS	110	15,369 3.8 579			
	33 WITH HERD-MATES	110	15,369 3.8 579	10 14,119 541		
1266352						
	7 NON-AI DAUS.-02	8	15,651 3.6 558			
STATES- 86	7 WITH HERD-MATES	8	15,651 3.6 558	10 14,439 532		
				DIFF. 1,212 26		
1267250 LOS ROBLES EMPEROR LAO.....						
09-28-55 1057293 2695422	40 AI DAUGHTERS-03	93	16,247 3.4 546			
AI STUD, 93-03 LISTED, 02-66	40 WITH HERD-MATES	93	16,247 3.4 546	166 15,025 549	945	3
STATES- 87,91,93						
	13 NON-AI DAUGHTERS	22	16,526 3.5 581			
	13 WITH HERD-MATES	21	16,522 3.5 581	64 15,382 551		
1267271 SKOKIE SENSATION.....*						
07-07-55 1113263 2314452	346 AI DAUGHTERS-25*	347	15,709 3.6 558			
AI STUD, 34-01 LISTED, 02-66	345 WITH HERD-MATES	346	15,703 3.6 558	21 14,263 517	1,474	43
STATES- 21,32,34,35,63						
	11 NON-AI DAUGHTERS	22	13,457 3.7 499			
	11 WITH HERD-MATES	22	13,457 3.7 499	11 14,141 509		
1268001 RAY-LOU SOVEREIGN BRIDGER.....*						
03-21-55 1079321 2531822	104 AI DAUGHTERS-25*	108	13,638 3.6 487			
AI STUD, 61-01 LISTED, 02-66	104 WITH HERD-MATES	108	13,638 3.6 487	21 13,714 489	9-	1-
STATES- 21,23,32,43,61						
	32 NON-AI DAUGHTERS	92	14,744 3.6 528			
	32 WITH HERD-MATES	92	14,744 3.6 528	38 14,759 535		
1268087 S. V. F. SOVEREIGN DUPLICATOR.....						
10-28-55 1007680 3043874	319 AI DAUGHTERS-25*	570	13,966 3.7 523			
AI STUD, 23-11 LISTED, 02-66	319 WITH HERD-MATES	570	13,966 3.7 523	35 13,658 508	346	17
STATES- 21,22,50						
	7 NON-AI DAUGHTERS	20	11,309 3.9 446			
	7 WITH HERD-MATES	20	11,309 3.9 446	11 12,751 462		
1268126						
	5 NON-AI DAUS.-03	9	12,099 3.6 441			
STATES- 32	5 WITH HERD-MATES	9	12,099 3.6 441	10 12,395 458		
				DIFF. 296- 17-		
1268164 KAHL TRIUNE LEADER.....*						
01-02-56 915940 2976376	30 NON-AI DAUS.-09	86	13,564 3.7 498			
AI STUD, 51-02 LISTED, 02-66	30 WITH HERD-MATES	86	13,564 3.7 498	18 13,627 490		
STATES- 35,42,72				DIFF. 63- 8		
1268290 VALLA VISTA MORRIS TRIUNE.....						
11-30-55 886182 3693547	203 AI DAUGHTERS-25*	261	12,901 3.9 501			
AI STUD, 48-01 LISTED, 02-66	202 WITH HERD-MATES	259	12,892 3.9 501	25 13,477 494	494-	8
STATES- 43,47,48,63,73,74,84						
	34 NON-AI DAUGHTERS	96	12,499 4.0 497			
	34 WITH HERD-MATES	96	12,499 4.0 497	22 14,390 535		
1268294 UNH SCHOOLMASTER ECHO.....*						
11-08-55 1181068 3768479	35 AI DAUGHTERS-25*	35	14,989 3.5 532			
AI STUD, 33-03 LISTED, 02-66	35 WITH HERD-MATES	35	14,989 3.5 532	16 14,373 527	475	6
STATES- 11,12,13,14,21,23,31,						
33,34,35,41,42,48,50,51,52,61,	26 NON-AI DAUGHTERS	52	15,337 3.7 571			
64,84	26 WITH HERD-MATES	50	15,325 3.7 570	14 14,662 550		
1268297 VOLENDAM CRETE TOGUS.....*						
11-08-55 972500 3771577	40 NON-AI DAUS.-19	115	14,801 4.0 590			
AI STUD, 35-75 LISTED, 02-66	40 WITH HERD-MATES	115	14,801 4.0 590	16 14,035 546		
STATES- 11,13				DIFF. 766 44		
1268689 UNH MASTER ECHO.....*						
10-31-55 1181068 3227192	372 AI DAUGHTERS-25*	439	13,881 3.7 510			
AI STUD, 33-03 LISTED, 02-66	371 WITH HERD-MATES	438	13,885 3.7 510	21 13,990 515	11-	1-
STATES- 11,12,13,14,15,16,21,						
22,23,31,32,33,34,35,41,42,45,	64 NON-AI DAUGHTERS	143	13,447 3.8 511			
48,50,51,52,55,57,61,72,82,84,	64 WITH HERD-MATES	143	13,447 3.8 511	21 13,803 526		
93						
1269042 CARNATION FLASHY COUNT POSCH.....*						
09-14-55 1178223 2784237	414 AI DAUGHTERS-25*	951	13,679 3.5 480			
AI STUD, 35-03 LISTED, 02-66	395 WITH HERD-MATES	913	13,705 3.5 482	17 13,636 498	121	13-
STATES- 16,22,23,31,33,34,35,						
42,43,61,63,72,74,87						

STRES OF DATA DAUGHTER					AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREL. DIFF.	
HOLSTEIN					RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
					NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
1269391 RYANCREST GOLDEN REWARD.....*													
12-05-55 1151349 2330519 43 NON-AI DAUS.-20					102	15,385	3.8	591					
AI STUD, 51-02 LISTED, 02-66 43 WITH HERD-MATES					102	15,385	3.8	591					
STATES- 16,21,22,23,31,35,50, 51,52									21	15,409	592		
									DIFF.	24-	1-		
1269459 SKOKIE GOLDEN LEA0ER.....*													
09-07-55 1079736 2724579 46 NON-AI DAUS.-07					117	14,551	3.6	528					
AI STUD, 35-02 LISTED, 02-66 46 WITH HERD-MATES					117	14,551	3.6	528					
STATES- 35,48,73									11	14,822	512		
									DIFF.	271-	16		
1269479 RDCK RIVER MASTER GEWINA.....*													
01-23-56 1216567 3160755 209 AI DAUGHTERS-25*					493	13,366	3.8	513					
AI STUD, 35-02 LISTED, 02-66 208 WITH HERD-MATES					490	13,381	3.8	514					
STATES- 23,33,34,35,48,65									16	13,480	491	52-	22
1269609 FRIEDEL STANDDUT 80CSTER.....*													
03-12-55 1118038 2370594 75 NON-AI DAUS.-18					146	15,390	3.8	588					
AI STUD, 51-02 LISTED, 02-66 75 WITH HERD-MATES					146	15,390	3.8	588					
STATES- 52,55									36	14,526	541		
									DIFF.	864	47		
1269954*													
STATES- 21 5 NON-AI DAUS.-04					12	14,828	3.6	541					
					12	14,828	3.6	541					
									13	14,731	549		
									DIFF.	97	8-		
1269968 BUTTERNUT CREEK DEAN ADAM.....*													
01-12-56 846425 3346109 74 AI DAUGHTERS-25*					172	14,031	3.6	507					
AI STUD, 21-01 LISTED, 02-66 74 WITH HERD-MATES					172	14,031	3.6	507					
STATES- 13,21,23									24	13,736	498	286	9
1270937 W & G D-M LUCIFER DEAN LINCCLN.....*													
02-12-56 769170 2958974 91 AI DAUGHTERS-25*					239	13,884	3.6	493					
AI STUD, 21-01 LISTED, 02-66 89 WITH HERD-MATES					236	13,952	3.6	496					
STATES- 13,21,23									25	13,979	505	53	5-
1270986*													
STATES- 73 10 NON-AI DAUS.-05					12	12,761	3.5	453					
					12	12,761	3.5	453					
									10	12,093	407		
									DIFF.	668	46		
1271019 MAVIEW DUNLDGGIN DIRECT.....*													
12-21-55 972500 2978190 1338 AI DAUGHTERS-25*					2659	14,106	3.7	527					
AI STUD, 23-11 LISTED, 02-66 1334 WITH HERD-MATES					2649	14,109	3.7	528					
STATES- 14,21,23,51									18	13,912	525	278	8
1271075 DRMS8Y HEUERS DUKE.....*													
11-26-55 1255986 3395021 33 NON-AI DAUS.-13					72	15,307	3.8	583					
AI STUD, 35-75 LISTED, 02-66 33 WITH HERD-MATES					72	15,307	3.8	583					
STATES- 41,46,93									18	14,369	540		
									DIFF.	938	43		
1271082*													
STATES- 86 6 NON-AI DAUS.-01					6	15,827	3.2	505					
					6	15,827	3.2	505					
									104	13,912	485		
									DIFF.	1,915	20		
1271122 THONYMA DRMS8Y LAD.....*													
03-06-55 1196645 3417592 1415 AI DAUGHTERS-25*					2219	12,894	3.8	485					
AI STUD, 48-01 LISTED, 02-66 1400 WITH HERD-MATES					2192	12,887	3.8	485					
STATES- 43,47,48,73,74,84									21	13,171	481	269-	4
										</			

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF				AOJ. HERO-MATES		AV. PREO. OIFF.	
HOLSTEIN				RECORDS	MILK	TEST	FAT	AV. MILK	FAT	MILK	FAT
				NUMBER	L8	%	L8	NUMBER	L8	L8	L8
1274018*										
STATES- 51		5 NON-AI OAU.-02	8	11,156	4.1	456					
		5 WITH HERO-MATES	8	11,156	4.1	456		21	12,458	475	
								OIFF.	1,302-	19-	
1274153	RAMACO 8URKE HOMESTEAD KING.....*										
01-11-56	1120027	2580406	124	AI DAUGHTERS-25*	257	13,394	3.6	480			
AI STUD, 35-04	LISTED, 02-66		124	WITH HERO-MATES	257	13,394	3.6	480	18	13,786	502
STATES- 16,23,33,34,35,41,42,											275-
47,51,56,64		7 NON-AI DAUGHTERS	27	11,981	3.7	446					16-
		7 WITH HERO-MATES	27	11,981	3.7	446		13	14,537	532	
1274537*										
STATES- 41		5 NON-AI OAU.-04	16	11,390	3.7	419					
		5 WITH HERO-MATES	16	11,390	3.7	419		15	13,569	480	
								OIFF.	2,179-	61-	
1274657	HAZEL 8USH CRESCENT REVLON.....*										
10-10-55	949159	3329393	41	NON-AI OAU.-03	103	15,587	3.7	569			
AI STUD, 41-25	LISTED, 02-66		41	WITH HERO-MATES	103	15,587	3.7	569	9	13,941	529
STATES- 35,86								OIFF.	1,646	40	
1274661*										
STATES- 61		12 NON-AI OAU.-01	12	12,594	3.5	441					
		12 WITH HERO-MATES	12	12,594	3.5	441		11	11,138	405	
								OIFF.	1,456	36	
1274684	SKOKIE CREATION MISTER.....*										
11-25-55	1126982	2760877	875	AI DAUGHTERS-25*	1451	13,612	3.6	491			
AI STUO, 33-03	LISTED, 02-66		872	WITH HERO-MATES	1446	13,617	3.6	491	20	13,809	508
STATES- 11,12,13,14,16,21,22,											114-
23,31,32,33,34,35,41,42,43,45,		7 NON-AI DAUGHTERS	14	12,797	3.8	484					14-
46,47,48,50,51,52,54,55,56,57,		7 WITH HERO-MATES	14	12,797	3.8	484		17	13,667	492	
58,61,65,73,82,83,84,87,93											
1274685	SKOKIE CREATION VICTOR.....*										
11-30-55	1126982	3785611	48	AI DAUGHTERS-13	65	15,337	3.8	581			
AI STUO, 93-02	LISTED, 02-66		48	WITH HERO-MATES	65	15,337	3.8	581	86	15,735	569
STATES- 32,85,86,93										92-	15
1274838	KAYTEE RAG APPLE SENSATION.....*										
12-27-55	1024453	2177529	43	AI DAUGHTERS-25*	57	15,395	3.6	555			
AI STUO, 35-03	LISTED, 02-66		43	WITH HERO-MATES	57	15,395	3.6	555	18	14,762	537
STATES- 21,35,91											548
		7 NON-AI DAUGHTERS	14	16,420	3.6	594					16
		7 WITH HERO-MATES	14	16,420	3.6	594		14	14,505	529	
1274923	SEQUOIA JO STAR.....*										
09-20-55	1077883	2568658	297	AI DAUGHTERS-25*	298	14,123	3.6	510			
AI STUO, 31-02	LISTED, 02-66		297	WITH HERO-MATES	298	14,123	3.6	510	31	14,932	540
STATES- 21,23,31,32,34,41,43,											582-
48,51,52,54,55,56,57,58,61,64,		59 NON-AI DAUGHTERS	65	15,350	3.7	565					22-
71,85,86,87,93		57 WITH HERO-MATES	63	15,425	3.7	568		89	17,066	620	
1275314*										
STATES- 21		5 NON-AI OAU.-01	6	13,178	3.6	479					
		5 WITH HERO-MATES	6	13,178	3.6	479		13	12,688	441	
								OIFF.	490	38	
1275604	LOMAOA MASTERPIECE GLEN.....*										
02-28-56	929962	3959005	174	AI DAUGHTERS-25*	356	13,736	3.6	493			
AI STUO, 21-01	LISTED, 02-66		163	WITH HERO-MATES	340	13,699	3.6	493	23	13,980	503
STATES- 13,21,23										168-	6-
1276344	UNH QUARTERMASTER.....*										
03-31-56	1071565	2726492	423	AI DAUGHTERS-25*	817	14,216	3.8	537			
AI STUD, 33-02	LISTED, 02-66		420	WITH HERO-MATES	813	14,224	3.8	537	17	13,409	498
STATES- 33,61										811	39
1276654	CHAMBRIC A 8 C.....*										
01-20-56	010198998	3205581	14	AI DAUGHTERS-12	14	15,208	3.7	565			
AI STUD, 33-03	LISTED, 02-66		14	WITH HERO-MATES	14	15,208	3.7	565	18	15,615	564
STATES- 23,31,35,41,42,74,93										62-	4
		25 NON-AI DAUGHTERS	28	17,854	3.5	617					
		25 WITH HERO-MATES	28	17,854	3.5	617		43	17,158	611	
1276825*										
STATES- 93		6 NON-AI OAU.-01	6	15,327	3.6	548					
		6 WITH HERO-MATES	6	15,327	3.6	548		7	14,682	543	
								OIFF.	645	5	
1277213	PRINCE X. GYPSIE LEAOR.....*										
11-24-55	1195221	3774745	373	AI DAUGHTERS-25*	373	14,130	3.9	555			
AI STUD, 35-75	LISTED, 02-66		372	WITH HERO-MATES	372	14,140	3.9	556	31	14,451	534
STATES- 13,21,22,23,32,33,34,											163-
35,41,42,45,52,55,57,63,64,93		36 NON-AI DAUGHTERS	101	14,361	4.0	576					27
		36 WITH HERO-MATES	101	14,361	4.0	576		13	13,795	514	
1277337	EONACHESTER GLENAFTON OEAN.....*										
11-28-55	1241458	3289200	32	NON-AI OAU.-05	60	14,111	4.0	565			
AI STUD, 12-03	LISTED, 02-66		32	WITH HERO-MATES	60	14,111	4.0	565	23	14,801	570
STATES- 12,52,55								OIFF.	690-	5-	
1277493	GLENAFTON JESTER.....*										
01-03-55	0102393D1	010800559	363	AI DAUGHTERS-25*	547	14,855	3.6	531			
AI STUO, 35-03	LISTED, 02-66		361	WITH HERO-MATES	545	14,859	3.6	532	18	14,441	528
STATES- 23,33,34,35,41,42,46,											527
50,61,63,74		17 NON-AI DAUGHTERS	53	13,270	3.7	492					9
		17 WITH HERO-MATES	53	13,270	3.7	492		14	12,585	465	

SIRES OF DHIA DAUGHTERS					AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREC. DIFF.	
HOLSTEIN					RECORDS NUMBER	MILK LB	TEST %	FAT LB	AV. NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1277619 CARNATION MADCAP GRANDIER.....*													
01-04-56 1152252 3339580 1187 AI DAUGHTERS-25*					1955	14,755	3.6	527					
AI STUD, 91-13 LISTED, 02-66 1156 WITH HERD-MATES					1907	14,775	3.6	527	19	14,262	518	622	13
STATES- 23,33,35,42,81,82,86, 87,91,92													
1277653 CHAIRALANE R. A. TRANSMITTER.....*													
11-18-55 1024453 2909445 44 NON-AI DAUS.-07					114	13,699	3.9	530					
AI STUD, 35-75 LISTED, 02-66 44 WITH HERD-MATES					114	13,695	3.9	530	25	13,579	525		
STATES- 13,82,91									DIFF.	120	5		
1278644 SIR SEELEY ADANTHA GENE.....*													
03-27-56 846425 3304894 126 AI DAUGHTERS-25*					348	15,038	3.5	523					
AI STUD, 21-01 LISTED, 02-66 117 WITH HERD-MATES					331	14,966	3.5	520	21	13,817	501	1,046	18
STATES- 13,21,23													
1278703 8 D I PABAUGO ACTDR.....*													
10-22-55 975138 3258875 18 AI DAUGHTERS-05					25	12,937	3.7	476					
AI STUD, 96-01 LISTED, 02-66 18 WITH HERD-MATES					25	12,937	3.7	476	7	12,918	464	2	5
STATES- 96													
1279190 WILLARDS HOMESTEAD REVELATION.....*													
11-26-54 1001768 3265865 80 NON-AI DAUS.-18					164	13,034	3.6	468					
LISTED, 11-65 80 WITH HERD-MATES					163	13,027	3.6	467	16	13,424	473		
STATES- 23,35,42,72,74,91									DIFF.	397-	6-		
1279408 CYCLONE DELLA LASS.....*													
05-24-54 885830 2415016 39 NON-AI DAUS.-13					78	14,788	3.6	537					
AI STUD, 35-02 LISTED, 02-66 39 WITH HERD-MATES					78	14,788	3.6	537	25	15,351	549		
STATES- 23,35,74,86									DIFF.	563-	12-		
1279641 CARNATION MADCAP INTRIGER.....*													
01-22-56 1152252 3700611 436 AI DAUGHTERS-25*					998	14,187	3.5	503					
AI STUD, 35-03 LISTED, 02-66 435 WITH HERD-MATES					997	14,187	3.5	503	17	13,838	506	408	0
STATES- 23,31,33,34,35,42,43, 51,56,63,74,86,87,91													
1279868 HOWACRES HOMESTEAD BARGN.....*													
02-06-56 1038118 3277789 5 AI DAUGHTERS-05					5	15,562	3.8	599					
AI STUD, 72-01 LISTED, 02-66 5 WITH HERD-MATES					5	15,562	3.8	599	15	14,990	557	153	10
STATES- 11,12,13,14,15,16,35, 72													
					82	16,398	3.9	632					
					82	16,398	3.9	632	23	15,095	578		
1280018 SKOKIE INKA PERFECTION.....*													
05-18-56 1207280 3032112 23 NON-AI DAUS.-06					54	15,444	3.5	538					
AI STUD, 63-02 LISTED, 02-66 23 WITH HERD-MATES					54	15,444	3.5	538	11	14,256	516		
STATES- 35,84									DIFF.	1,188	22		
1280615 OSBORNDALD DLAN F08ES.....*													
07-06-55 934577 2750411 581 AI DAUGHTERS-25*					1490	13,885	3.8	531					
AI STUD, 16-04 LISTED, 02-66 508 WITH HERD-MATES					1359	13,861	3.8	531	26	13,668	515	244	19
STATES- 12,13,14,15,16,21,51, 52													
1280781 PABST CYCLONE REROAM.....*													
12-31-55 1215958 3690058 23 NON-AI DAUS.-10					45	14,129	3.8	531					
AI STUD, 35-04 LISTED, 02-66 23 WITH HERD-MATES					45	14,129	3.8	531	18	14,344	523		
STATES- 35,42,56,61,64									DIFF.	215-	8		
1281300 8 D I PABEMP GOV ALGY.....*													
01-30-56 975138 3507143 15 AI DAUGHTERS-10					32	11,870	3.4	403					
AI STUD, 72-01 LISTED, 02-66 15 WITH HERD-MATES					32	11,870	3.4	403	25	11,633	401	40	2-
STATES- 51,72,74													
1281466 LUXANA IDEAL.....*													
03-27-56 1013415 2741613 18 NON-AI DAUS.-06					41	14,886	3.3	492					
AI STUD, 34-01 LISTED, 02-66 18 WITH HERD-MATES					41	14,886	3.3	492	12	15,085	515		
STATES- 34									DIFF.	199-	23-		
1281479 8. D. I. LUSOYVAUTGO LAD.....*													
02-18-56 769170 3865935 104 AI DAUGHTERS-25*					259	13,780	4.0	551					
AI STUD, 12-03 LISTED, 02-66 104 WITH HERD-MATES					259	13,780	4.0	551	17	13,498	513	273	35
STATES- 11,12,13,14													
1281628 ELLBANK JULE KING ADMIRAL.....*													
11-20-55 1189195 3472936 63 NON-AI DAUS.-10					119	15,497	3.6	551					
AI STUD, 31-01 LISTED, 02-66 63 WITH HERD-MATES					119	15,497	3.6	551	50	15,291	558		
STATES- 21,31,34									DIFF.	206	7-		
1281874 BRADY BURKE ORMSBY.....*													
03-09-56 1013415 3704891 478 AI DAUGHTERS-25*					704	13,325	3.6	481					
AI STUD, 48-01 LISTED, 02-66 457 WITH HERD-MATES					679	13,333	3.6	481	22	13,019	474	297	7
STATES- 43,48,71,73													
1282127 ARWYN STRATHMORE GEORGE.....*													
03-01-56 1116198 3530933 42 AI DAUGHTERS-25*					58	13,350	3.7	495					
AI STUD, 35-04 LISTED, 02-66 42 WITH HERD-MATES					58	13,350	3.7	495	18	13,620	496	145-	1
STATES- 14,21,23,31,35,41,42, 46,61,74													
					38	15,912	3.7	581					
					38	15,912	3.7	581	21	15,056	553		
1282185 SKOKIE GLAMDUR BDY.....*													
11-02-55 1038509 3809891 1699 AI DAUGHTERS-25*					2340	14,515	3.7	537					
AI STUD, 33-01 LISTED, 02-66 1658 WITH HERD-MATES					2287	14,529	3.7	538	17	13,841	517	757	25
STATES- 11,12,13,14,21,22,23, 31,32,33,34,35,42,47,51,57,61, 63,64,71,73,74,93													
					25	13,257	3.6	473					
					25	13,257	3.6	473	15	12,620	462		
1282262 ELLBANK ADMIRAL ORMSBY PRIDE.....*													
03-06-55 1189195 3611573 121 AI DAUGHTERS-25*					121	14,585	3.6	527					
AI STUD, 21-01 LISTED, 02-66 121 WITH HERD-MATES					121	14,585	3.6	527	26	14,985	540	174-	6-
STATES- 13,21,23													
					84	14,618	3.8	551					
					84	14,618	3.8	551	12	13,962	513		

SIRE OF DHIA DAUGHTERS

HOLSTEIN					AV. RECORDS NUMBER	PRODUCTION MILK LB	OF TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PRED. DIFF. MILK LB	FAT LB
1286222	KEYSTONE MISTER COUNT.....*												
08-17-56	1020473 3026164	35	NON-AI DAUS.-01	76	18,299	3.7	680						
AI STUD, 35-75	LISTED, 02-66	35	WITH HERD-MATES	76	18,299	3.7	680		37	18,030	668		
STATES- 23									DIFF.	269	12		
1286359*												
07-02-56	1189593 2631241	145	NON-AI DAUS.-01	6	16,372	3.5	565						
AI STUD, 35-75	LISTED, 02-66	35	WITH HERD-MATES	6	16,372	3.5	565		15	12,912	443		
STATES- 21									DIFF.	3,460	122		
12867C5*												
07-02-56	1189593 2631241	145	NON-AI DAUS.-01	5	10,622	3.5	371						
AI STUD, 35-75	LISTED, 02-66	35	WITH HERD-MATES	5	10,622	3.5	371		4	10,908	424		
STATES- 33									DIFF.	286-	53-		
1286826	PINEHURST KLAZERINA CHAMPION.....*												
07-02-56	1189593 2631241	145	AI DAUGHTERS-25*	146	14,206	3.5	498						
AI STUD, 35-02	LISTED, 02-66	145	WITH HERD-MATES	146	14,206	3.5	498		19	14,277	528	45	22-
STATES- 31,33,34,35,41,56,57,74,93													
		23	NON-AI DAUGHTERS	65	14,771	3.5	520						
		23	WITH HERD-MATES	65	14,771	3.5	520		22	14,642	541		
1287023	SHAW'S CRETE DUNLOGGIN AIM TIDY.....*												
08-10-56	972500 3459607	35	AI DAUGHTERS-13	91	15,650	3.8	595						
AI STUD, 55-01	LISTED, 02-66	35	WITH HERD-MATES	91	15,650	3.8	595		35	16,184	600	141-	4
STATES- 55													
1287C77	DSBORNDAL PRINCE DRMSBY FDBES - TWIN.....												
01-01-56	934577 3378364	5	AI DAUGHTERS-05	5	10,532	3.6	378						
AI STUD, 94-01	LISTED, 02-66	5	WITH HERD-MATES	5	10,532	3.6	378		41	9,812	335	79	6
STATES- 94													
1287C89	CSBORNDAL KING INKA FBES.....*												
10-19-56	934577 2475925	1100	AI DAUGHTERS-25*	2232	13,877	3.8	525						
AI STUD, 23-11	LISTED, 02-66	1097	WITH HERD-MATES	2227	13,881	3.8	525		16	13,828	512	128	17
STATES- 21,22,23,50,51													
1287C9C	CSBORNDAL SIR FBES IVANHOE.....												
09-15-56	1189870 3539319	370	AI DAUGHTERS-25*	374	13,160	4.0	523						
AI STUD, 41-25	LISTED, 02-66	370	WITH HERD-MATES	374	13,160	4.0	523		19	13,824	515	557-	11
STATES- 35,41,42,45													
		39	NON-AI DAUGHTERS	91	13,856	4.0	551						
		39	WITH HERD-MATES	91	13,856	4.0	551		16	13,768	501		
1287195*												
09-13-56	915940 3187309	39	NON-AI DAUS.-01	7	12,183	3.7	446						
AI STUD, 63-02	LISTED, 02-66	39	WITH HERD-MATES	7	12,183	3.7	446		25	11,529	412		
STATES- 23,35,63									DIFF.	654	34		
1287490	SUNNYSIDE LEADER LAD.....												
09-13-56	915940 3187309	39	NON-AI DAUS.-01	68	14,127	3.8	538						
AI STUD, 63-02	LISTED, 02-66	39	WITH HERD-MATES	68	14,127	3.8	538		28	14,182	516		
STATES- 23,35,63									DIFF.	55-	22		
1288108	FRASEA MARK NETHERLAND.....												
08-06-55	D10153547 D10567507	22	AI DAUGHTERS-17	22	13,420	3.5	470						
AI STUD, 35-05	LISTED, 02-66	22	WITH HERD-MATES	22	13,420	3.5	470		25	14,424	522	454-	25-
STATES- 33,35,41,42,82													
		20	NON-AI DAUGHTERS	50	13,181	3.7	487						
		20	WITH HERD-MATES	50	13,181	3.7	487		14	13,405	507		
1288125	SISSON FARMS DOUBLE DEAN.....*												
10-26-56	1049547 3439839	33	AI DAUGHTERS-09	86	16,123	3.6	581						
AI STUD, 55-01	LISTED, 02-66	33	WITH HERD-MATES	86	16,123	3.6	581		41	16,238	594	126	1-
STATES- 55													
1288194	FAIRBROOK LUCIFER RDAMER.....												
01-05-56	1102436 3796343	554	AI DAUGHTERS-25*	1186	13,901	4.0	556						
AI STUD, 16-04	LISTED, 02-66	494	WITH HERD-MATES	1075	13,894	4.0	557		23	13,939	519	41	40
STATES- 12,13,14,15,16,21,22													
12883C9	WIS PRINCE SYMBDL.....												
10-29-56	1189593 3262642	87	AI DAUGHTERS-25*	105	13,683	3.6	492						
AI STUD, 41-25	LISTED, 02-66	87	WITH HERD-MATES	105	13,683	3.6	492		18	13,301	482	330	9
STATES- 41,42,43,47,84,91													
		15	NON-AI DAUGHTERS	40	16,088	3.4	542						
		15	WITH HERD-MATES	40	16,088	3.4	542		7	15,647	526		
1288534	HOWARD FARM SIR ROBURKE T V.....*												
10-17-56	1024453 3870239	22	NON-AI DAUS.-06	53	14,405	4.1	586						
AI STUD, 35-75	LISTED, 02-66	22	WITH HERD-MATES	53	14,405	4.1	586		11	13,877	541		
STATES- 35,41,52									DIFF.	528	45		
12886C5	SKOKIE G CREATION CROWN - TWIN.....*												
11-03-56	1126982 3684071	17	NON-AI DAUS.-08	34	14,185	3.6	505						
AI STUD, 41-25	LISTED, 02-66	17	WITH HERD-MATES	34	14,185	3.6	505		11	14,172	499		
STATES- 33,35,42,43									DIFF.	13	6		
128861C	SKOKIE DUKE.....*												
10-26-56	1249424 3425213	15	NON-AI DAUS.-12	24	15,361	3.6	553						
AI STUD, 33-03	LISTED, 02-66	15	WITH HERD-MATES	24	15,361	3.6	553		44	14,389	531		
STATES- 16,21,23,31,34,35,51,54									DIFF.	972	22		
1288721	CARNATION EMBLEM COMER.....*												
07-06-56	1237664 3701770	61	NON-AI DAUS.-16	118	14,598	3.5	513						
AI STUD, 34-01	LISTED, 02-66	61	WITH HERD-MATES	118	14,598	3.5	513		20	13,903	495		
STATES- 34,61,74,85									DIFF.	695	18		

SIRE'S OF DAIRY DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
HOLSTEIN				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
1288851 MASTER CHALLENGER BONNIE PLACE.....*												
10-11-51	010211378	010695011	2001	AI DAUGHTERS-25*	4356	12,711	3.8	484				
AI STUD, 33-01	LISTED, 02-66	1943	WITH HERD-MATES	4256	12,745	3.8	485	17	13,346	499	566-	12-
STATES- 21,23,31,32,33,34,35,												
41,42,43,45,52,54,55,56,57,58,												
63,64,65,74,86												
1289173 SEQUOIA IDEAL JO.....*												
01-16-56	1013415	3493825	599	AI DAUGHTERS-25*	601	13,582	3.7	508				
AI STUD, 23-09	LISTED, 02-66	597	WITH HERD-MATES	599	13,576	3.7	508	19	14,048	537	361-	22-
STATES- 21,22,23,50,51,86,93												
		29	NON-AI DAUGHTERS	41	16,916	3.7	619					
		29	WITH HERD-MATES	41	16,916	3.7	619	111	17,004	610		
1289532 KEYSTONE MASTER JUBILEE.....*												
11-08-56	1168575	2887331	24	NON-AI DAUS.-02	48	17,754	3.7	662				
AI STUD, 35-75	LISTED, 02-66	24	WITH HERD-MATES	48	17,754	3.7	662	39	17,912	662		
STATES- 23												
								DIFF.	158-			
1289574 NETHERLAND TIOY SKYHAWK.....												
10-15-56	1233487	3921826	33	AI DAUGHTERS-25*	33	13,530	3.7	499				
AI STUD, 41-01	LISTED, 02-66	33	WITH HERD-MATES	33	13,530	3.7	499	12	13,286	473	166	16
STATES- 41,46,48,73												
		49	NON-AI DAUGHTERS	118	15,570	3.7	570					
		49	WITH HERD-MATES	118	15,570	3.7	570	11	14,537	528		
1289586 BRAUNS BLOOM.....												
11-13-55	1228045	2489892	104	AI DAUGHTERS-25*	169	14,314	3.6	522				
AI STUD, 35-05	LISTED, 02-66	104	WITH HERD-MATES	169	14,314	3.6	522	18	13,659	501	599	19
STATES- 21,33,34,35,41,51,56,												
61		8	NON-AI DAUGHTERS	23	14,388	3.6	523					
		7	WITH HERD-MATES	22	13,880	3.6	501	32	13,240	474		
1289588 BRAUNS LEADER.....												
11-30-55	915940	3188644	217	AI DAUGHTERS-25*	280	15,340	3.8	579				
AI STUD, 93-05	LISTED, 02-66	217	WITH HERD-MATES	280	15,340	3.8	579	199	16,242	585	534-	5
STATES- 82,86,91,93												
		9	NON-AI DAUGHTERS	15	16,047	3.7	593					
		9	WITH HERD-MATES	15	16,047	3.7	593	169	16,965	600		
1289589 BRAUNS REMER COMET.....												
09-29-55	959466	3518653	89	AI DAUGHTERS-25*	89	14,943	3.7	553				
AI STUD, 41-01	LISTED, 02-66	89	WITH HERD-MATES	89	14,943	3.7	553	16	13,998	503	848	43
STATES- 35,41,42,45,46												
		58	NON-AI DAUGHTERS	163	13,998	3.7	523					
		58	WITH HERD-MATES	163	13,998	3.7	523	10	13,512	502		
1289823												
		5	NON-AI DAUS.-03	14	11,440	3.7	421					
STATES- 23,51		5	WITH HERD-MATES	14	11,440	3.7	421	12	12,481	456		
								DIFF.	1,041-	35-		
1289908 DUKE REGAL PABST ROAMER.....*												
10-11-56	901195	2585847	22	NON-AI DAUS.-07	56	14,916	4.0	590				
	LISTED, 03-64	22	WITH HERD-MATES	56	14,916	4.0	590	12	15,288	591		
STATES- 33,35,41,43												
								DIFF.	372-	1-		
1290151 SEGIS SPRING FARM SURPRISE.....*												
10-24-55	010212300	010651164	39	NON-AI DAUS.-09	81	13,301	3.7	498				
AI STUD, 51-02	LISTED, 02-66	39	WITH HERD-MATES	81	13,301	3.7	498	18	12,949	481		
STATES- 23,51,52												
								DIFF.	352	17		
1290181 OSBORNCAL FOMES KNIGHT.....*												
11-12-56	934577	3212451	26	NON-AI DAUS.-04	73	14,622	3.8	557				
AI STUD, 34-01	LISTED, 02-66	26	WITH HERD-MATES	73	14,622	3.8	557	25	13,655	508		
STATES- 34												
								DIFF.	967	49		
1290182 GSBORNOALE ADMIRAL LUCIFER.....*												
12-20-56	769170	4227925	23	NON-AI DAUS.-12	53	17,024	3.9	664				
AI STUD, 34-01	LISTED, 02-66	23	WITH HERD-MATES	53	17,024	3.9	664	14	16,884	633		
STATES- 13,21,23,34,56												
								DIFF.	140	31		
1290304												
		5	NON-AI DAUS.-02	8	13,077	3.7	483					
STATES- 35		5	WITH HERD-MATES	8	13,077	3.7	483	7	12,811	473		
								DIFF.	266	10		
1290616 KENJO ADMIRAL LEADSMAN.....												
01-12-55	915940	2458305	624	AI DAUGHTERS-25*	768	13,956	3.6	504				
AI STUD, 35-75	LISTED, 02-66	623	WITH HERD-MATES	766	13,960	3.6	504	24	14,053	516	6	8-
STATES- 32,33,34,35,41,42,46,												
48,51,52,55,56,57,91,93		31	NON-AI DAUGHTERS	88	14,218	3.6	509					
		30	WITH HERD-MATES	87	14,188	3.6	508	16	14,741	531		
1290716 HOWACRES HOMESTEAD BRUCE LAD.....												
10-12-56	1038118	3696576	252	AI DAUGHTERS-25*	474	14,121	4.0	570				
AI STUD, 16-04	LISTED, 02-66	251	WITH HERD-MATES	473	14,116	4.0	570	25	13,568	511	555	57
STATES- 13,14,15,16,47												
1290914 ORMSBY ANTHONY SUZONE.....*												
12-09-56	1122159	2628365	93	AI DAUGHTERS-25*	172	14,283	3.6	511				
AI STUD, 33-01	LISTED, 02-66	93	WITH HERD-MATES	172	14,283	3.6	511	20	13,770	517	481	2-
STATES- 33,35,57												
1290915 DELLA ROMULUS BEACON.....												
12-16-56	1237954	2332392	123	AI DAUGHTERS-25*	183	12,625	4.0	505				
AI STUD, 33-01	LISTED, 02-66	123	WITH HERD-MATES	183	12,625	4.0	505	19	13,469	503	691-	4
STATES- 33												

SIRE OF OHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF	AOJ. HERO-MATES	AV.	PRED. OIFF.
				RECORDS	AV.	MILK	MILK
				NUMBER	MILK	L8	L8
					TEST	FAT	FAT
					%	L8	L8
1291028 HAROEN FARMS AAGGIE KEYSTONE.....*							
02-26-56 1222989 2396981 77 AI DAUGHTERS-25*	77	13,939	3.5	489			
AI STUO, 33-03 LISTEO, 02-66 77 WITH HERO-MATES	77	13,939	3.5	489	15	14,320	521
STATES- 11,13,14,16,21,22,23,							202-
31,32,33,35,41,42,46,52,55,61,	23	14,875	3.5	519			22-
71,74,82,87 22 WITH HERO-MATES	31	14,809	3.5	516	17	14,292	523
1291280*							
STATES- 61 5 NON-AI DAUS.-01	5	11,920	3.7	440			
5 WITH HERO-MATES	5	11,920	3.7	440	9	12,554	473
					OIFF.	634-	33-
1291498 LAVACRES OELLA OINAH PAT.....*							
12-17-56 1026263 2854863 34 NON-AI DAUS.-05	68	19,238	3.4	654			
AI STUO, 35-75 LISTEO, 02-66 34 WITH HERO-MATES	68	19,238	3.4	654	55	17,421	597
STATES- 88,93					OIFF.	1,817	57
1291499 LAVACRES CHAL PRAIRIE.....*							
12-30-56 1253140 2959915 76 AI DAUGHTERS-25*	76	14,542	3.7	543			
AI STUO, 41-25 LISTEO, 02-66 76 WITH HERO-MATES	76	14,542	3.7	543	19	14,245	535
STATES- 35,41,42,45							329
	43	16,414	3.8	618			11
42 WITH HERO-MATES	103	16,516	3.8	623	17	16,066	619
1291783 OOLVIC ORMSBY FOBES ROBURKE.....*							
03-C8-56 1024453 3050773 16 NON-AI DAUS.-06	43	14,505	4.0	585			
AI STUO, 41-01 LISTEO, 02-66 16 WITH HERO-MATES	42	14,487	4.0	583	18	15,013	588
STATES- 35,41,45					OIFF.	526-	5-
1291784 OOLVIC ROBURKE BEETS BRUCE.....*							
03-31-56 1024453 3609497 16 NON-AI DAUS.-08	44	15,531	3.8	590			
AI STUO, 41-25 LISTEO, 02-66 16 WITH HERO-MATES	44	15,531	3.8	590	19	14,583	565
STATES- 35,41					OIFF.	948	25
1291786 SIR AIRVUE MCNOGRAM DIPLOMAT.....*							
03-11-56 1001985 011037697 86 AI DAUGHTERS-25*	134	13,556	3.8	510			
AI STUO, 41-25 LISTEO, 02-66 86 WITH HERO-MATES	134	13,556	3.8	510	23	12,953	471
STATES- 42,43,48,84							480
							32
1292081 CORNMANS PIEBE POSCH DEAN.....*							
01-23-56 1182359 3317623 15 NON-AI DAUS.-05	25	11,952	3.6	434			
AI STUO, 63-01 LISTEO, 02-66 15 WITH HERO-MATES	25	11,952	3.6	434	20	12,006	443
STATES- 63					OIFF.	54-	9-
1292145 COUNTRY BUTTER 80Y OIGNITY - TWIN.....*							
11-09-56 1257762 2560346 123 AI DAUGHTERS-25*	203	12,907	3.9	507			
AI STUO, 87-01 LISTEO, 02-66 120 WITH HERO-MATES	199	12,920	3.9	508	22	13,923	497
STATES- 82,83,87							786-
							11
1292242 RESSIE B F 8U88LER DUKE.....*							
08-13-56 1202814 3342774 110 AI DAUGHTERS-25*	136	13,932	3.7	521			
AI STUO, 87-01 LISTEO, 02-66 110 WITH HERO-MATES	136	13,932	3.7	521	25	14,203	510
STATES- 82,83,87,92							133-
	6	13,551	3.8	513			12
6 WITH HERO-MATES	10	13,551	3.8	513	12	12,217	442
1292438 CARNATION ODOUBLE BUTTER 80Y.....*							
11-06-56 1152252 3263431 21 NON-AI DAUS.-07	39	13,813	3.6	496			
AI STUO, 41-25 LISTEO, 02-66 21 WITH HERO-MATES	38	13,848	3.6	498	9	14,374	525
STATES- 35,42					OIFF.	526-	27-
1292458 ROCKCREST LEADER.....*							
01-05-57 915940 2675146 96 AI DAUGHTERS-25*	115	13,331	3.6	482			
AI STUO, 42-02 LISTEO, 02-66 95 WITH HERO-MATES	114	13,343	3.6	483	19	13,367	488
STATES- 35,42,43,73							6
	29	14,368	3.5	510			3-
29 WITH HERO-MATES	67	14,368	3.5	510	21	13,881	493
1292482 SANMARGALE WIS SIR TIOY.....*							
09-20-56 1068870 2475596 33 NON-AI DAUS.-02	79	15,011	3.6	534			
STATES- 41 LISTEO, 08-64 33 WITH HERO-MATES	79	15,011	3.6	534	18	13,843	505
					OIFF.	1,168	29
1292699 HAYSSSEN FONO MASTER.....*							
01-13-57 1250992 3925766 27 NON-AI DAUS.-06	43	14,544	3.8	555			
AI STUO, 33-03 LISTEO, 02-66 27 WITH HERO-MATES	43	14,544	3.8	555	26	14,414	526
STATES- 41,46					OIFF.	130	29
1292776 ROSAFE SHAMROCK JULIAN - TWIN.....*							
05-22-56 010198998 010925460 27 AI DAUGHTERS-20	33	12,831	3.6	465			
AI STUO, 41-25 LISTEO, 02-66 27 WITH HERO-MATES	33	12,831	3.6	465	17	13,342	488
STATES- 41,43							277-
							13-
1292829 CLIFFVIEW ASPIRANT REGAL.....*							
01-28-56 984799 2762024 37 NON-AI DAUS.-10	78	16,193	3.4	548			
AI STUO, 35-75 LISTEO, 02-66 37 WITH HERO-MATES	78	16,193	3.4	548	16	14,803	508
STATES- 48,74,93					OIFF.	1,390	40
1292880 MOOSEHEART PIONEER.....*							
07-03-56 1024453 2811265 32 AI DAUGHTERS-25*	32	15,037	3.8	566			
AI STUO, 33-03 LISTEO, 02-66 32 WITH HERO-MATES	32	15,037	3.8	566	17	15,053	551
STATES- 12,21,23,31,33,34,35,							113
41,42,46,52,56,61,71,93	85	14,660	3.9	570			14
85 WITH HERO-MATES	173	14,660	3.9	570	31	14,021	522
1292915 BESSIE B. F. GYPSIE LEAOR.....*							
11-29-56 915940 2937893 71 NON-AI DAUS.-25*	176	14,792	3.9	573			
AI STUO, 72-01 LISTEO, 02-66 70 WITH HERO-MATES	173	14,829	3.9	574	23	14,734	567
STATES- 11,12,13,14,15,16,21,					OIFF.	95	7
23							

SIRE OF DATA DAUGHTERS					AV. RECORDS	PRODUCTION MILK LB	DF %	DAU. FAT LB	ADJ. AV. MILK LB	HERD-MATES FAT LB	AV. MILK LB	PRED. DIFF. MILK LB	DIFF. FAT LB		
HDLSTEIN															
1293263 MIOLAND BURKE ADRIAN MAGIC.....*															
10-15-56 961535 3703972 104 AI DAUGHTERS-25*					174	14,322	3.6	521							
AI STUD, 91-13 LISTED, 02-66 102 WITH HERD-MATES					172	14,463	3.6	526	23	14,604	532	11	0		
STATES- 82,92,93															
5 NDN-AI DAUGHTERS					5	13,630	3.9	535							
5 WITH HERD-MATES					5	13,630	3.9	535	25	15,528	576				
1293580 MAYERS MAJESTY OUK.....*															
05-17-55 1223977 3309700 1988 AI DAUGHTERS-25*					3322	13,422	3.8	512							
AI STUD, 33-01 LISTED, 02-66 1981 WITH HERD-MATES					3307	13,423	3.8	513	17	13,938	521	423-	4-		
STATES- 11,12,13,14,21,22,23,															
31,32,33,34,35,41,42,43,45,46,					38	NDN-AI DAUGHTERS	120	12,692	3.9	490					
51,52,54,55,56,57,58,61,63,64,					38	WITH HERO-MATES	120	12,692	3.9	490	18	13,819	516		
65,74,84,85,86,87,93															
1294263*															
STATES- 56					5	NDN-AI DAUS.-01	9	11,133	3.7	417					
					5	WITH HERD-MATES	9	11,133	3.7	417	54	11,612	425		
											DIFF.	479-	8-		
1294494*															
STATES- 41					5	NDN-AI O AUS.-04	8	12,069	3.7	451					
					5	WITH HERO-MATES	8	12,069	3.7	451	11	12,922	467		
											DIFF.	853-	16-		
1294753*															
STATES- 35					6	NDN-AI O AUS.-02	6	14,847	3.7	549					
					6	WITH HERD-MATES	6	14,847	3.7	549	25	14,257	529		
											DIFF.	590	20		
1294825 AUDIC ANTHCNY LUCKY.....*															
01-12-57 1122159 3259895 50 AI DAUGHTERS-25*					92	13,162	3.9	508							
AI STUD, 33-01 LISTED, 02-66 50 WITH HERO-MATES					92	13,162	3.9	508	15	13,242	490	44-	14		
STATES- 32,33,35,56															
1295111*															
STATES- 41					5	NDN-AI DAUS.-01	5	12,312	3.6	449					
					5	WITH HERO-MATES	5	12,312	3.6	449	9	12,426	462		
											DIFF.	114-	13-		
1295523 PINEYHILL SULTAN.....*															
08-01-56 010198998 3235970 33 NON-AI DAUS.-14					48	15,883	3.8	596							
AI STUD, 93-10 LISTED, 02-66 33 WITH HERD-MATES					48	15,883	3.8	596	23	15,389	570				
STATES- 21,22,23,50,52,93											DIFF.	494	26		
1295608 SUNNYSIDE REGAL LUCY.....*															
08-02-56 901195 3093548 217 AI DAUGHTERS-25*					332	13,132	3.6	479							
AI STUD, 33-03 LISTED, 02-66 217 WITH HERD-MATES					331	13,132	3.6	479	20	13,548	499	336-	16-		
STATES- 11,12,13,14,16,21,22,															
23,31,32,33,34,35,41,42,43,50,					22	NDN-AI DAUGHTERS	49	13,619	3.6	487					
51,52,84,93					22	WITH HERD-MATES	47	13,537	3.6	483	19	13,835	489		
1295796 CRESCENT BEAUTY CHEVRON.....*															
09-28-56 1206641 3398005 40 NON-AI O AUS.-21					70	12,482	3.7	466							
AI STUD, 33-03 LISTED, 02-66 40 WITH HERD-MATES					70	12,482	3.7	466	19	14,441	515				
STATES- 23,31,33,35,42,46											DIFF.	1,959-	49-		
1296266 PABST SENTRY.....*															
12-14-56 915940 3149303 312 AI DAUGHTERS-25*					547	13,648	3.8	522							
AI STUD, 33-02 LISTED, 02-66 311 WITH HERD-MATES					546	13,653	3.8	522	19	13,441	498	235	24		
STATES- 33,61,63,64															
1296312*															
STATES- 31					5	NDN-AI O AUS.-03	6	11,366	3.6	404					
					5	WITH HERD-MATES	6	11,366	3.6	404	9	12,633	457		
											DIFF.	1,267-	53-		
1296576 FREEBAER REFLECTION SDVEREIGN.....*															
01-05-57 010198998 3694555 31 AI DAUGHTERS-25*					31	13,563	3.7	508							
AI STUD, 33-03 LISTED, 02-66 31 WITH HERD-MATES					31	13,563	3.7	508	19	14,307	522	376-	5-		
STATES- 12,13,14,16,21,23,32,															
33,34,35,41,46,51,52,55,82,93					29	NDN-AI DAUGHTERS	44	13,766	3.8	518					
					29	WITH HERD-MATES	44	13,766	3.8	518	17	14,358	517		
1297075 HALLCREST FOLLW ON LEADER.....*															
02-20-57 1142734 2681572 9 AI DAUGHTERS-06					9	14,141	3.7	528							
AI STUD, 63-01 LISTED, 02-66 9 WITH HERD-MATES					9	14,141	3.7	528	14	13,413	506	237	8		
STATES- 21,23,63															
					27	NDN-AI DAUGHTERS	57	13,458	3.6	490					
					26	WITH HERD-MATES	56	13,524	3.6	491	12	13,647	493		
1297162*															
STATES- 32,33,35					5	NDN-AI DAUS.-05	11	14,356	3.8	551					
					5	WITH HERD-MATES	11	14,356	3.8	551	9	14,097	524		
											DIFF.	259	27		
1297169 RAVENGLEN REX TRIUNE.....*															
02-01-57 915940 3122167 515 AI DAUGHTERS-25*					525	14,608	3.7	537							
AI STUD, 31-02 LISTED, 02-66 515 WITH HERD-MATES					525	14,608	3.7	537	21	14,319	517	399	23		
STATES- 14,21,31,32,33,34,35,															
41,42,43,46,47,48,51,52,55,56,					72	NDN-AI DAUGHTERS	152	14,559	3.6	522					
58,61,64,65,71,74,93					72	WITH HERD-MATES	152	14,559	3.6	522	20	14,735	532		
1297178 ATHLDNE ADMIRAL BEGET.....*															
02-20-57 1210078 3499457 340 AI DAUGHTERS-25*					552	12,825	3.7	475							
AI STUD, 33-03 LISTED, 02-66 339 WITH HERD-MATES					550	12,827	3.7	476	20	13,410	492	517-	13-		
STATES- 11,12,13,14,16,21,22,															
23,31,32,33,34,35,41,42,43,45,															
47,48,51,52,54,55,58,61,82,87,															
91,92															

SIRE OF OHIA DAUGHTERS

HOLSTEIN	AV. RECORDS NUMBER	PRODUCTION OF MILK LB	TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PREO. MILK LB	DIFF. FAT LB
1297401 SHADY MEADOW SHANGHIGH ORMSBY.....*									
02-08-57 1090258 3671396 29 AI DAUGHTERS-09	29	14,252	3.6	514					
AI STUO, 72-01 LISTED, 02-66 29 WITH HERD-MATES	29	14,252	3.6	514	39	15,974	580	846-	33-
STATES- 31,32,55									
22 NON-AI DAUGHTERS	52	13,424	3.8	505					
22 WITH HERD-MATES	52	13,424	3.8	505	8	13,143	476		
1297472 RINCON MAGIC OAN.....*									
12-17-56 1138451 3686795 25 NON-AI OAS.-03	26	17,548	3.7	655					
AI STUO, 91-13 LISTED, 02-66 25 WITH HERD-MATES	26	17,548	3.7	655	51	18,334	635		
STATES- 93					OIFF.	786-	20		
1297547 CARNATION BUTTER 80Y LADOLE.....*									
01-31-57 1152252 2638045 198 AI DAUGHTERS-25*	426	12,972	3.6	462					
AI STUO, 35-02 LISTED, 02-66 198 WITH HERD-MATES	426	12,972	3.6	462	19	13,649	498	561-	31-
STATES- 22,34,35									
1297600 YOKOHL RAVEN COUNT.....*									
11-25-56 1113350 3335572 13 NON-AI OAS.-09	13	15,324	3.5	534					
AI STUO, 93-01 LISTED, 02-66 13 WITH HERD-MATES	13	15,324	3.5	534	39	15,218	545		
STATES- 93					OIFF.	106	11-		
1298129*									
5 NON-AI OAS.-02	11	16,885	3.5	598					
STATES- 21 5 WITH HERD-MATES	11	16,885	3.5	598	8	15,399	559		
					OIFF.	1,486	39		
1298266 IOA-ROYAL HAZLEWOOD MAGICIAN.....*									
12-04-56 1223970 3413920 20 NON-AI OAS.-02	44	14,120	3.7	525					
AI STUO, 87-01 LISTED, 02-66 20 WITH HERD-MATES	44	14,120	3.7	525	16	13,967	521		
STATES- 82,87					OIFF.	153	4		
12983C9 GLEN RUN COUNT MAGIC WALKER.....*									
10-23-55 1138451 2598194 22 NON-AI OAS.-02	32	17,301	3.6	626					
AI STUO, 93-01 LISTED, 02-66 22 WITH HERD-MATES	32	17,301	3.6	626	17	17,024	618		
STATES- 92,93					OIFF.	277	8		
1298372 SKOKIE SENSATION CHIEF.....*									
02-01-57 1267271 2872216 21 NON-AI OAS.-06	50	16,343	3.5	576					
AI STUO, 35-75 LISTED, 02-66 21 WITH HERD-MATES	50	16,343	3.5	576	22	14,294	526		
STATES- 23					OIFF.	2,049	50		
1298430 WOODBOURNE INKA REFLECTOR.....*									
01-04-57 010198998 2734741 1791 AI DAUGHTERS-25*	3198	14,123	3.8	531					
AI STUO, 33-03 LISTED, 02-66 1790 WITH HERD-MATES	3193	14,121	3.8	531	23	14,561	545	287-	7-
STATES- 12,13,14,16,21,22,23, 31,32,33,34,35,41,42,43,45,46, 48,51,52,54,55,56,58,61,74,82, 84,86,87,88,91,93									
1298831 METCALFS SOVEREIGN REFLECTOR.....*									
11-22-56 010198998 3994409 111 AI DAUGHTERS-25*	111	14,381	3.5	510					
AI STUO, 31-01 LISTED, 02-66 111 WITH HERD-MATES	111	14,381	3.5	510	17	14,895	545	280-	24-
STATES- 11,12,13,14,16,21,23, 31,48,74,84									
47 NON-AI DAUGHTERS	96	14,967	3.7	559					
47 WITH HERD-MATES	96	14,967	3.7	559	21	15,363	587		
1298834*									
5 NON-AI OAS.-01	5	16,052	3.9	633					
STATES- 41 5 WITH HERD-MATES	5	16,052	3.9	633	32	15,182	560		
					OIFF.	870	73		
1298858 TALLCORN PA8ST LEADER.....*									
01-04-56 915940 3308338 272 AI DAUGHTERS-25*	446	13,261	3.7	495					
AI STUO, 35-04 LISTED, 02-66 271 WITH HERD-MATES	445	13,257	3.7	495	17	13,790	502	428-	4-
STATES- 14,23,32,33,34,35,41, 42,46,47,51,55,61,63,73,74									
9 NON-AI DAUGHTERS	23	13,715	3.8	518					
9 WITH HERD-MATES	23	13,715	3.8	518	20	13,583	491		
1298866 ROMEO ORMSBY REMER DUKE.....*									
12-02-56 1000390 2821440 30 NON-AI OAS.-01	70	15,070	3.9	585					
AI STUO, 35-75 LISTED, 02-66 30 WITH HERD-MATES	69	15,032	3.9	584	26	15,471	579		
STATES- 21					OIFF.	439-	5		
1299222 F S C IDEAL CHIEF BURK JO.....*									
11-01-56 1113350 3797803 17 NON-AI OAS.-02	21	17,056	3.8	651					
AI STUO, 93-05 LISTED, 02-66 17 WITH HERD-MATES	21	17,056	3.8	651	27	15,455	574		
STATES- 93					OIFF.	1,601	77		
1299241 WETONA A. 8. C. JUNIOR CLOYDALE.....*									
11-04-56 010198998 2734739 47 NON-AI OAS.-25*	115	13,495	3.7	499					
AI STUO, 31-02 LISTED, 02-66 47 WITH HERD-MATES	114	13,486	3.7	498	22	14,514	539		
STATES- 12,13,21,23					OIFF.	1,028-	41-		
1299334*									
5 NON-AI OAS.-01	5	14,888	3.2	470					
STATES- 22 5 WITH HERD-MATES	5	14,888	3.2	470	13	14,636	525		
					OIFF.	252	55-		
1299357 SUNNYWAY MCNTVIC SEGIS.....*									
01-05-57 1169446 3285013 27 NON-AI OAS.-02	62	14,799	3.7	553					
LISTED, 03-64 27 WITH HERD-MATES	62	14,799	3.7	553	8	15,473	570		
STATES- 23					OIFF.	674-	17-		
1300012 TIOY BURKE IRON LIEGE.....*									
01-02-57 1196645 3825990 12 AI DAUGHTERS-06	12	16,558	3.6	599					
AI STUO, 41-25 LISTED, 05-64 12 WITH HERD-MATES	12	16,558	3.6	599	15	17,033	637	29-	8-
STATES- 42,47									
54 NON-AI DAUGHTERS	115	17,033	3.4	587					
54 WITH HERD-MATES	115	17,033	3.4	587	28	16,124	589		

SIRE OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF OAU.				AOJ. HERO-MATES AV.			PRED. DIFF.	
	RECORDS	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
	NUMBER	L8	%	L8		L8	L8	L8	L8
1303434 ELKHART FCND PICA PRINCE.....*									
07-14-57 1250992 2748774 45 AI OUGHTERS-25*	60	13,147	3.8	496					
AI STUO, 35-03 LISTED, 02-66 45 WITH HERO-MATES	60	13,147	3.8	496	19	14,251	520	682-	14-
STATES- 34,35,42									
1303502 WILLARDS CANARY PRINCE.....*									
06-28-56 1230780 2735318 17 NON-AI OAU.-10	39	18,161	3.6	647					
AI STUO, 35-75 LISTED, 02-66 17 WITH HERO-MATES	39	18,161	3.6	647	25	15,880	574		
STATES- 14,16,21,43					OIFF.	2,281	73		
1304048 ALOERHURST DELLA LUCIFER.....*									
04-04-57 769170 2242596 208 AI OUGHTERS-25*	483	12,744	4.0	513					
AI STUO, 23-09 LISTED, 02-66 208 WITH HERO-MATES	482	12,747	4.0	513	22	13,814	527	905-	8-
STATES- 21,23,32,33,34,50,51, 52,57,64									
1304049 CARNATION SKY PILOT.....*									
06-09-57 1175596 2931901 29 NON-AI OAU.-06	60	15,004	3.5	531					
AI STUO, 41-25 LISTED, 02-66 28 WITH HERO-MATES	58	14,760	3.6	524	5	14,511	531		
STATES- 42					OIFF.	249	7-		
1304384 GRAY VIEW CRYSTALIZER.....*									
01-21-57 1244845 3882120 31 NON-AI OAU.-15	71	13,400	3.8	515					
AI STUO, 41-25 LISTED, 02-66 31 WITH HERO-MATES	71	13,400	3.8	515	22	15,048	564		
STATES- 21,33,35,42,45,84					OIFF.	1,648-	49-		
1304562*									
STATES- 43,48	5	14,381	3.6	521	5	14,381	521		
	5	14,381	3.6	521	51	14,660	525		
					OIFF.	279-	4-		
1304722 SKOKIE FAMCUS VICAR.....*									
05-09-57 1279206 3637516 41 NON-AI OAU.-10	62	15,855	4.1	649					
AI STUO, 35-75 LISTED, 02-66 41 WITH HERO-MATES	59	15,845	4.1	648	8	15,361	598		
STATES- 31					OIFF.	484	50		
1304970 CHERRYBOLD ROBURKE MARK.....									
03-22-57 1024453 3360019 7 AI OUGHTERS-04	7	14,597	3.5	511					
AI STUO, 35-01 LISTED, 02-66 7 WITH HERO-MATES	7	14,597	3.5	511	13	14,814	552	11-	9-
STATES- 34,35									
	6	10,390	3.4	358					
	6	10,390	3.4	358	13	11,680	403		
1305024*									
STATES- 11	5	15,716	3.9	610	9	15,716	610		
	5	15,716	3.9	610	13	15,670	591		
					OIFF.	46	19		
1305443 CARNATION IDEAL TRADITION.....*									
05-27-57 1175596 3769610 203 AI OUGHTERS-25*	335	13,720	3.6	496					
AI STUO, 35-05 LISTED, 02-66 203 WITH HERO-MATES	335	13,720	3.6	496	19	13,862	504	56-	5-
STATES- 23,33,35,41,42,71									
1305460 CARNATION ROYAL MASTER.....*									
04-03-57 1152252 3232651 249 AI OUGHTERS-25*	396	15,071	3.6	539					
AI STUO, 91-11 LISTED, 08-65 249 WITH HERO-MATES	396	15,071	3.6	539	24	14,752	548	451	2-
STATES- 16,21,23,31,32,33,34, 35,41,42,43,45,46,50,51,52,54, 55,56,61,63,82,85,86,87,91,92, 93									
1305613 WILLARDS PRIMO LEADER.....*									
01-01-57 915940 2965079 93 NON-AI OAU.-16	207	16,032	3.5	562					
AI STUO, 94-01 LISTED, 02-66 93 WITH HERO-MATES	207	16,032	3.5	562	23	15,134	545		
STATES- 23,33,35,42,74					OIFF.	898	17		
1305813 BUDO FARM ACE GEM.....*									
04-01-57 1186187 3680065 21 NON-AI OAU.-03	22	15,649	3.5	540					
AI STUO, 35-75 LISTED, 02-66 21 WITH HERO-MATES	22	15,649	3.5	540	23	15,399	558		
STATES- 31,93					OIFF.	250	18-		
1305874 NACHES C B NIXON.....									
11-26-56 1198620 3612798 66 AI OUGHTERS-19	76	15,786	3.7	579					
AI STUO, 93-05 LISTED, 02-66 65 WITH HERO-MATES	75	15,835	3.7	581	375	15,699	577	309	11
STATES- 82,93									
1306247 JERLANO COMET HOESLY VAR.....*									
11-14-55 1056438 3229977 14 NON-AI OAU.-03	35	16,750	3.7	625					
AI STUO, 35-02 LISTED, 02-66 14 WITH HERO-MATES	35	16,750	3.7	625	19	14,059	521		
STATES- 41					OIFF.	2,691	104		
1306477 WOODBOURNE LASS REFLECTION.....*									
04-03-57 010198998 3221337 1267 AI OUGHTERS-25*	2503	13,965	3.7	511					
AI STUO, 23-11 LISTED, 02-66 1263 WITH HERO-MATES	2492	13,962	3.7	511	15	14,000	528	55	12-
STATES- 21,22,23,51,52,55									
1306661 GRAY VIEW SKYLINER NELLO.....*									
03-23-57 1244845 2952038 47 NON-AI OAU.-09	108	16,272	3.6	592					
AI STUO, 91-11 LISTED, 08-65 47 WITH HERO-MATES	107	16,310	3.6	593	10	15,604	548		
STATES- 41					OIFF.	706	45		
1306902 B O I IMPERGOV APPOLLO.....									
05-10-57 956081 3514107 5 AI OUGHTERS-03	5	11,464	4.0	464					
AI STUO, 96-01 LISTED, 02-66 5 WITH HERO-MATES	5	11,464	4.0	464	8	11,478	395	34-	12
STATES- 96									
	9	12,723	3.7	475					
	9	12,723	3.7	475	7	13,885	490		
1307195 FRASEA NETHERLAND PERFECTION.....									
02-27-55 010153547 011002838 580 AI OUGHTERS-25*	1076	14,649	3.7	541					
AI STUO, 91-13 LISTED, 02-66 551 WITH HERO-MATES	1025	14,660	3.7	541	23	14,249	518	511	26
STATES- 32,87,91,92									
	7	12,483	3.6	446					
	7	12,300	3.5	436	12	12,142	441		

SIREs OF DHIA DAUGHTERS					AV. PRODUCTION OF OAU.				AOJ. HERD-MATES AV.			PRED. OIFF.	
HOLSTEIN					RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
					NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
1308044	ROLLING KNOLL MAT CRCSS.....*												
09-18-57	1216872	3516146	26	NON-AI DAUS.-03	37	14,440	3.7	531					
AI STUD.	51-02	LISTED, 02-66	26	WITH HERD-MATES	37	14,440	3.7	531					
STATES-	41,51,56								13	11,728	434		
									DIFF.	2,712	97		
1308091	MACINTIRE PATHFINDER PRINCE.....*												
04-26-57	984799	2871506	22	NON-AI DAUS.-02	41	16,796	3.6	612					
AI STUD.	35-75	LISTED, 02-66	22	WITH HERD-MATES	41	16,796	3.6	612					
STATES-	21,34								18	16,401	601		
									OIFF.	395	11		
1308101	SKOKIE SENSATION NEO.....*												
04-11-57	1267271	3235818	28	NON-AI DAUS.-07	66	18,188	3.8	689					
AI STUD.	61-01	LISTED, 02-66	28	WITH HERD-MATES	66	18,188	3.8	689					
STATES-	32,34								9	16,759	645		
									OIFF.	1,429	44		
1308419	CARNATION BUTTER BOY COUNT.....*												
08-01-57	1152252	3700608	132	AI DAUGHTERS-25*	192	13,960	3.5	495					
AI STUD.	35-04	LISTED, 02-66	132	WITH HERD-MATES	192	13,960	3.5	495					
STATES-	14,31,32,33,34,35,41,								17	14,214	513	121-	12-
42,46,64,74,84			9	NON-AI DAUGHTERS	12	14,993	3.8	564					
			9	WITH HERD-MATES	12	14,993	3.8	564					
									14	15,833	583		
1308429	HOWACRES ADMIRAL LUCIFER.....*												
05-02-57	769170	3277789	318	AI DAUGHTERS-25*	648	14,161	3.7	518					
AI STUD.	16-04	LISTED, 02-66	318	WITH HERD-MATES	647	14,160	3.7	518					
STATES-	11,12,13,14,15,16,21,								29	13,868	520	351	2
58													
1308727	TRITOMIA MONK OAKIE.....*												
10-19-57	1285000	2924814	8	NON-AI DAUS.-05	13	13,067	3.4	439					
AI STUD.	42-02	LISTED, 02-66	8	WITH HERD-MATES	13	13,067	3.4	439					
STATES-	42								11	14,530	526		
									DIFF.	1,463-	87-		
1308796	OREGON CHALLENGER BARCN.....*												
09-14-57	1253140	3441114	30	NON-AI DAUS.-04	60	17,929	3.5	631					
AI STUD.	52-01	LISTED, 02-66	30	WITH HERD-MATES	59	17,899	3.5	629					
STATES-	92								16	16,237	600		
									OIFF.	1,662	29		
1308866*												
			5	NON-AI DAUS.-04	7	16,095	3.4	550					
STATES-	81,84,87		5	WITH HERD-MATES	7	16,095	3.4	550					
									16	14,849	543		
									OIFF.	1,246	7		
1309102*												
			6	NON-AI DAUS.-02	7	10,699	3.6	381					
STATES-	41		6	WITH HERD-MATES	7	10,699	3.6	381					
									15	11,924	426		
									DIFF.	1,225-	45-		
1309227	CLANYARD IDEAL KINGSOLE.....*												
09-26-57	1090340	3168872	288	AI DAUGHTERS-25*	424	13,351	3.7	497					
AI STUD.	33-01	LISTED, 02-66	287	WITH HERD-MATES	420	13,348	3.7	497					
STATES-	32,33,57								21	13,759	513	318-	11-
1309465	SHANGHIGH DOUBLE EXEC GENERAL.....*												
07-15-57	1090258	2798841	481	AI DAUGHTERS-25*	1033	13,510	3.8	514					
AI STUD.	23-09	LISTED, 02-66	478	WITH HERD-MATES	1030	13,524	3.8	514					
STATES-	21,23,31,54,58								18	13,603	517	24-	1
			8	NON-AI DAUGHTERS	16	13,784	3.8	529					
			8	WITH HERD-MATES	16	13,784	3.8	529					
									17	13,570	519		
1309467	SHANGHIGH VAR RAG APPLE 8UO.....*												
02-26-57	1011334	3606505	20	NON-AI DAUS.-01	40	15,510	4.0	620					
AI STUD.	35-75	LISTED, 02-66	20	WITH HERD-MATES	36	15,418	4.0	614					
STATES-	31								17	16,426	593		
									DIFF.	1,008-	21		
1309546	CHAMBRIC NOBLE PRIDE.....*												
07-13-57	1083114	3390352	34	AI DAUGHTERS-25*	34	13,236	3.8	497					
AI STUD.	35-02	LISTED, 02-66	33	WITH HERD-MATES	33	13,281	3.7	498					
STATES-	23,35,41,42								18	14,365	524	593-	13-
			15	NON-AI DAUGHTERS	16	13,936	3.5	493					
			15	WITH HERD-MATES	16	13,936	3.5	493					
									17	13,384	475		
1309600*												
			6	NON-AI DAUS.-01	6	20,473	3.6	741					
STATES-	93		5	WITH HERD-MATES	5	19,146	3.6	695					
									50	18,660	702		
									DIFF.	486	7-		
1310002*												
			5	NON-AI DAUS.-01	5	11,622	3.4	399					
STATES-	31		5	WITH HERD-MATES	5	11,622	3.4	399					
									13	12,288	429		
									DIFF.	666-	30-		
1310449*												
			7	NON-AI DAUS.-01	7	18,260	3.4	614					
STATES-	93		7	WITH HERD-MATES	7	18,260	3.4	614					
									65	15,259	527		
									DIFF.	3,001	87		
1311113	BRIGEEEN GOLDEN CARL.....*												
09-09-57	1170426	3603837	30	NON-AI DAUS.-04	51	12,845	3.9	505					
AI STUD.	11-01	LISTED, 02-66	30	WITH HERD-MATES	51	12,845	3.9	505					
STATES-	11								17	14,164	528		
									DIFF.	1,319-	23-		
1311154	ZELDENRUST PROUD PONTIAC.....*												
09-01-57	1231051	3848891	48	AI DAUGHTERS-25*	48	12,972	3.8	497					
AI STUD.	33-02	LISTED, 02-66	48	WITH HERD-MATES	48	12,972	3.8	497					
STATES-	31,33,43								16	14,355	535	883-	23-
			7	NON-AI DAUGHTERS	12	14,593	3.5	515					
			7	WITH HERD-MATES	12	14,593	3.5	515					
									19	14,153	492		

SIRE OF DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
HOLSTEIN				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
1324609*												
STATES- 55				5	NON-AI DAUS.-01	9	13,897	3.9	545			
				5	WITH HERD-MATES	9	13,897	3.9	545	19	13,686	477
										DIFF.	211	68
1324688 CHURCHOLM REGAL COLLINS-CREST.....*												
09-29-57 1208003 3870324 20 NON-AI DAUS.-04				40	16,055	3.8	612					
AI STUD, 35-75 LISTED, 02-66 20 WITH HERD-MATES				40	16,055	3.8	612	21	15,906	592		
STATES- 16,21								DIFF.	149	20		
1324830 GLENAFTON ARGYLE.....*												
D1-01-58 010249530 011091003 7 NON-AI DAUS.-04				7	13,124	3.7	481					
AI STUD, 93-01 LISTED, 02-66 6 WITH HERD-MATES				6	12,730	3.6	457	72	14,985	546		
STATES- 93								DIFF.	2,255-	89-		
13249D1*												
				6	NON-AI DAUS.-02	6	13,830	3.7	517			
STATES- 42				6	WITH HERD-MATES	6	13,830	3.7	517	2	13,092	490
								DIFF.	738	27		
1324959 WALKWAY HONEYMAN RUSTY.....*												
D2-02-58 1265694 3345727 495 AI DAUGHTERS-25*				649	14,388	3.6	515					
AI STUD, 33-03 LISTED, 02-66 494 WITH HERD-MATES				647	14,384	3.6	515	21	14,049	515	417	4
STATES- 11,13,14,16,21,22,23,												
31,32,33,34,35,41,42,45,46,47,												
48,50,51,52,54,55,57,63,65,71,												
73,74,82,84,87,93												
1324992 FILLMORE RAVEN DESIGN.....*												
07-05-57 1264447 3601430 25 NON-AI DAUS.-07				55	15,240	3.6	554					
AI STUD, 35-02 LISTED, 02-66 25 WITH HERD-MATES				55	15,240	3.6	554	14	14,369	516		
STATES- 13,21								DIFF.	871	38		
1325017 HILLTOP MAESTRO DICTATOR.....*												
03-17-58 1263007 3271170 47 NON-AI DAUS.-04				71	18,399	3.6	662					
AI STUD, 35-75 LISTED, 02-66 47 WITH HERD-MATES				71	18,399	3.6	662	56	16,317	620		
STATES- 16,23								DIFF.	2,082	42		
1325802*												
				5	NON-AI DAUS.-01	5	11,624	3.7	429			
STATES- 42				5	WITH HERD-MATES	5	11,624	3.7	429	33	12,976	486
								DIFF.	1,352-	57-		
1325923 BROOKVIEW GOLDEN PATTFINDER.....*												
10-14-57 1079736 2924582 14 NON-AI DAUS.-03				22	16,028	3.5	560					
AI STUD, 35-75 LISTED, 02-66 14 WITH HERD-MATES				22	16,028	3.5	560	8	15,990	582		
STATES- 31								DIFF.	38	22-		
1326163 IMPERIAL SUNLEA BLUMINE TY-VIC.....*												
07-05-58 923749 3813484 149 AI DAUGHTERS-25*				269	14,314	3.8	540					
AI STUD, 21-01 LISTED, 02-66 149 WITH HERD-MATES				269	14,314	3.8	540	26	14,415	521	31	20
STATES- 13,21												
132627C ROSAFE SIGMUND.....*												
09-12-57 010249633 011016253 24 NON-AI DAUS.-04				35	16,822	3.6	606					
AI STUD, 35-75 LISTED, 02-66 24 WITH HERD-MATES				35	16,822	3.6	606	9	16,396	567		
STATES- 23,31,61								DIFF.	426	39		
1326492 CARNATION IDEAL LAD.....*												
06-16-58 1175596 2638045 47 AI DAUGHTERS-25*				77	13,184	3.7	492					
AI STUD, 35-03 LISTED, 02-66 47 WITH HERD-MATES				77	13,184	3.7	492	19	13,890	503	437-	6-
STATES- 35,61,74												
1326606 HOWVALE RAVEN JERRY.....*												
05-15-58 111335D 3266194 38 NON-AI DAUS.-21				62	13,103	4.0	518					
AI STUD, 72-01 LISTED, 02-66 38 WITH HERD-MATES				62	13,103	4.0	518	17	14,382	563		
STATES- 13,14								DIFF.	1,279-	45-		
1326679 BURKE B F TRIUNE PRINCE.....*												
04-22-58 1050848 3789940 20 NON-AI DAUS.-09				33	15,326	3.5	544					
AI STUD, 35-05 LISTED, 02-66 20 WITH HERD-MATES				33	15,326	3.5	544	30	15,224	550		
STATES- 33,35,57,61,84								DIFF.	102	6-		
1326756 ZELDENRUST PURE GOLD.....*												
D1-28-58 1028260 3998939 666 AI DAUGHTERS-25*				711	13,456	3.8	505					
AI STUD, 34-01 LISTED, 02-66 666 WITH HERD-MATES				711	13,456	3.8	505	21	14,469	525	846-	15-
STATES- 12,21,32,34,52,86,91,												
92				68	NON-AI DAUGHTERS	133	13,040	3.9	504			
				68	WITH HERD-MATES	133	13,040	3.9	504	20	14,184	517
1326975*												
				5	NON-AI DAUS.-03	10	12,377	3.7	459			
STATES- 23,42				5	WITH HERD-MATES	10	12,377	3.7	459	15	11,949	431
								DIFF.	428	28		
1327157*												
				6	NON-AI DAUS.-03	6	13,025	4.1	540			
STATES- 14				6	WITH HERD-MATES	6	13,025	4.1	540	20	12,072	453
								DIFF.	953	87		
1327311 BUDD FARM JOHANNA ACE.....*												
05-25-58 1186187 3750202 388 AI DAUGHTERS-25*				737	12,720	4.0	514					
AI STUD, 23-09 LISTED, 02-66 388 WITH HERD-MATES				737	12,720	4.0	514	17	13,548	515	740-	3
STATES- 23,31,54												
132733C*												
				5	NON-AI DAUS.-04	9	11,236	3.4	384			
STATES- 32,33,57				5	WITH HERD-MATES	9	11,236	3.4	384	16	11,444	404
								DIFF.	208-	20-		
1327405 LAVACRES DICTATOR DEFIANCE - TWIN.....*												
D6-19-58 1204163 3399994 92 NON-AI DAUS.-D6				108	15,190	3.6	549					
AI STUD, 31-02 LISTED, 02-66 92 WITH HERD-MATES				108	15,190	3.6	549	128	14,774	525		
STATES- 93								DIFF.	416	24		

Sires of CHIA Daughters					AV. PRODUCTION OF CHA.				ADJ. HERO-MATES AV.			PREO. OFF.	
HOLSTEIN					RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
					NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
1327419 SKOKIE SUPREME 80Y.....*													
06-21-58 1282185 3341222 13 AI DAUGHTERS-10					13	13,381	3.6	480					
AI STUO, 16-04 LISTED, 02-66 13 WITH HERD-MATES					13	13,381	3.6	480	16	14,6D2	546	419-	23-
STATES- 12,13,14,15,16													
					21	16,623	3.5	578					
					21	16,623	3.5	578	38	15,898	601		
1327544*													
					5	14,697	3.6	531					
STATES- 43 5 WITH HERD-MATES					7	14,697	3.6	531	42	14,163	500		
									OIFF.	534	31		
1327681*													
					5	13,502	3.5	478					
STATES- 21 5 WITH HERD-MATES					7	13,502	3.5	478	29	13,197	484		
									OIFF.	305	6-		
1327867 MAYERS RAVEN ANNA OUK.....*													
04-11-58 1293580 3712504 22 NON-AI DAUS.-02					45	13,852	3.6	498					
AI STUO, 41-25 LISTED, 02-66 22 WITH HERO-MATES					45	13,852	3.6	498	18	15,989	548		
STATES- 35									OIFF.	2,137-	50-		
1327868*													
					5	11,112	3.9	432					
STATES- 23 5 WITH HERD-MATES					10	11,112	3.9	432	21	11,893	463		
									OIFF.	781-	31-		
1328281 CHRISTY MONARCH.....*													
06-20-58 1265747 3108978 13 AI DAUGHTERS-07					20	14,635	3.5	506					
AI STUO, 35-01 LISTED, 02-66 13 WITH HERD-MATES					20	14,635	3.5	506	17	14,472	528	119	7-
STATES- 35													
132862C ELKHART GLOEN CROSS.....*													
07-15-58 1277314 2748774 17 NON-AI DAUS.-05					19	12,733	3.9	502					
LISTED, 02-65 17 WITH HERD-MATES					19	12,733	3.9	502	20	14,029	506		
STATES- 35,74									OIFF.	1,296-	4-		
1328697*													
					6	13,203	3.5	464					
STATES- 34,57,63,64 6 WITH HERO-MATES					8	13,203	3.5	464	33	13,196	455		
									OIFF.	7	9		
1329235*													
					5	11,158	3.5	393					
STATES- 42 5 WITH HERD-MATES					6	11,158	3.5	393	5	11,355	432		
									OIFF.	197-	39-		
1329249 TIOY BURKE CORNERSTONE.....*													
09-13-57 1196645 2683386 407 AI DAUGHTERS-25*					502	13,664	3.5	475					
AI STUO, 31-02 LISTED, 02-66 407 WITH HERD-MATES					501	13,664	3.5	475	23	14,487	523	648-	41-
STATES- 12,21,22,23,31,32,34,													
41,43,47,48,54,55,56,58,61,64,					9	14,461	3.6	517					
65,71,84 7 WITH HERD-MATES					11	13,290	3.5	462	13	14,238	510		
1329265*													
					6	10,667	3.5	374					
STATES- 21 6 WITH HERD-MATES					6	10,667	3.5	374	18	12,113	422		
									OIFF.	1,446-	48-		
1329369*													
					6	12,760	3.5	451					
STATES- 21 6 WITH HERD-MATES					11	12,760	3.5	451	21	13,772	486		
									OIFF.	1,012-	35-		
1329588 CATS FARM GALLANT RAG APPLE.....*													
12-24-57 1024453 3693720 19 NON-AI DAUS.-06					26	16,956	3.6	611					
AI STUO, 33-03 LISTED, 02-66 19 WITH HERD-MATES					26	16,956	3.6	611	59	16,328	586		
STATES- 21,23,34,88,93									OIFF.	628	25		
1329617*													
					6	11,843	4.0	478					
STATES- 51 6 WITH HERD-MATES					6	11,843	4.0	478	26	11,945	454		
									OIFF.	102-	24		
1329686 M V B A ROXANNE POSCH BENJAMIN.....													
01-02-58 1064738 3260026 55 AI DAUGHTERS-25*					80	13,558	3.7	507					
AI STUO, 41-01 LISTED, 02-66 55 WITH HERO-MATES					80	13,558	3.7	507	29	13,733	492	79-	12
STATES- 41,42,45,46													
1329785*													
					8	14,452	3.3	479					
STATES- 86 8 WITH HERO-MATES					9	14,452	3.3	479	69	13,544	468		
									DIFF.	908	11		
132979C*													
					7	17,231	3.7	630					
STATES- 86 7 WITH HERD-MATES					7	17,231	3.7	630	102	13,840	477		
									DIFF.	3,391	153		
1330183 HAROEN FARMS DUKE TRIUNE.....*													
05-18-58 1112211 2200823 337 AI DAUGHTERS-25*					558	14,041	3.6	508					
AI STUO, 33-02 LISTED, 02-66 335 WITH HERD-MATES					554	14,031	3.6	508	19	13,489	501	552	8
STATES- 33,61,72													
1330193*													
					9	14,041	3.5	495					
STATES- 21 9 WITH HERD-MATES					9	14,041	3.5	495	9	12,513	433		
									OIFF.	1,528	62		
1330356 WIS SATELLITE.....*													
07-29-58 1292880 3373777 27 AI DAUGHTERS-20					34	13,244	3.9	523					
AI STUO, 41-25 LISTED, 02-66 27 WITH HERD-MATES					34	13,244	3.9	523	14	13,446	502	54-	14
STATES- 35,41,45													

SIRE'S OF DATA DAUGHTERS					AV. RECORDS	PRODUCTION OF DAU.			ADJ. HERD-MATES			PRED. DIFF.	
HOLSTEIN					NUMBER	MILK L8	TEST %	FAT L8	AV. NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
1330362 WIS DIRECTOR.....*													
07-28-58 1189593 3255088 10 NON-AI DAUS.-04					12	16,088	3.3	524					
AI STUD, 93-10 LISTED, 02-66 10 WITH HERD-MATES					12	16,088	3.3	524	43	15,763	536		
STATES- 93									DIFF.	325	12-		
1330469													
STATES- 41					5	12,092	4.1	495	7	13,332	511		
					5	12,092	4.1	495	DIFF.	1,240-	16-		
1330597 MAVIEW SIR MAPLE PILCT.....*													
08-11-58 1094305 2978190 19 NON-AI DAUS.-10					36	15,284	3.8	583					
AI STUD, 35-75 LISTED, 02-66 19 WITH HERD-MATES					36	15,284	3.8	583	26	14,859	548		
STATES- 21,55									DIFF.	425	35		
1330681 SHAW'S SCHOOLMASTER CRETE UNA.....*													
04-22-58 1181068 3037363 904 AI DAUGHTERS-25*					1230	12,839	3.9	496					
AI STUD, 51-02 LISTED, 02-66 902 WITH HERD-MATES					1226	12,843	3.9	496	23	13,095	491	243-	6
STATES- 21,22,23,31,41,43,50, 51,52,54,55,56,61,84													
1330701 RUSSINWOOD SULTAN.....*													
06-21-58 010237756 3050302 36 AI DAUGHTERS-25*					43	13,080	3.6	471					
AI STUD, 35-05 LISTED, 02-66 36 WITH HERD-MATES					43	13,080	3.6	471	23	13,891	512	467-	24-
STATES- 33,35,57													
					6	15,003	3.3	499					
					6	15,003	3.3	499	16	13,246	486		
1330790													
STATES- 51					7	16,286	4.0	647	7	15,144	599		
					7	16,286	4.0	647	DIFF.	1,142	48		
1330936 VER800N RAVEN LADDIE.....													
10-16-57 1113350 3832324 126 AI DAUGHTERS-18					143	15,853	3.6	575					
AI STUD, 93-05 LISTED, 02-66 126 WITH HERD-MATES					143	15,853	3.6	575	200	16,177	580	10-	4
STATES- 82,93													
					27	15,526	3.6	558					
					27	15,526	3.6	558	185	15,932	563		
1330981 SKOKIE REGENT DUKE.....*													
06-22-58 1288610 3235817 138 AI DAUGHTERS-25*					252	14,413	3.8	552					
AI STUD, 23-11 LISTED, 02-66 138 WITH HERD-MATES					252	14,413	3.8	552	18	13,571	508	780	41
STATES- 22,23													
1330987 SKOKIE FAMOUS DUKE.....*													
07-25-58 1288610 2878339 110 AI DAUGHTERS-25*					112	15,218	3.8	571					
AI STUD, 33-03 LISTED, 02-66 110 WITH HERD-MATES					112	15,218	3.8	571	18	14,587	535	663	36
STATES- 11,13,14,15,21,22,23, 31,32,33,34,35,41,42,43,47,50, 81,87,91													
					6	13,856	3.7	519					
					6	13,856	3.7	519	12	14,375	534		
1331227 UNH GOLDEN REVELLER - TWIN.....*													
08-10-58 1181068 2874989 617 AI DAUGHTERS-25*					1111	13,687	3.7	513					
AI STUD, 23-09 LISTED, 02-66 617 WITH HERD-MATES					1110	13,688	3.7	513	17	13,726	523	28	5-
STATES- 21,23,31,35,51,54,58													
1331228 UNH GOLDEN REVELATION - TWIN.....*													
08-10-58 1181068 2874989 305 AI DAUGHTERS-25*					458	13,074	3.8	491					
AI STUD, 12-03 LISTED, 02-66 301 WITH HERD-MATES					453	13,093	3.8	492	20	13,436	512	286-	15-
STATES- 11,12,13,14,16,21,35, 41													
					9	16,279	3.6	586					
					9	16,279	3.6	586	15	15,643	591		
1331326													
STATES- 35					9	9,918	3.6	360					
					9	9,918	3.6	360	3	11,224	420		
									DIFF.	1,306-	60-		
1331388													
STATES- 34,65					5	12,374	3.8	466					
					5	12,374	3.8	466	32	12,879	457		
									DIFF.	505-	9		
1331392													
STATES- 22,46					7	14,854	3.7	543					
					7	14,854	3.7	543	18	13,183	485		
									DIFF.	1,671	58		
1331428 KING ORMSBY OSBORNDAL.....*													
01-28-58 934577 2475925 183 AI DAUGHTERS-25*					293	14,221	3.7	524					
AI STUD, 33-03 LISTED, 02-66 181 WITH HERD-MATES					290	14,232	3.7	525	22	13,915	511	363	15
STATES- 11,12,13,14,15,16,21, 22,23,31,32,33,34,35,41,42,45, 48,50,51,52,54,65,71,84													
1331510 THONYMA IDEAL BURKE.....													
04-10-58 1113350 2616899 609 AI DAUGHTERS-25*					995	12,649	3.7	466					
AI STUD, 11-01 LISTED, 02-66 604 WITH HERD-MATES					988	12,661	3.7	467	21	13,532	512	797-	40-
STATES- 11,12,14,16													
1331570													
STATES- 11,21					5	15,596	3.5	540					
					5	15,596	3.5	540	37	14,365	520		
									DIFF.	1,231	20		
1331597													
STATES- 34					5	14,548	3.4	496					
					5	14,548	3.4	496	22	13,950	492		
									DIFF.	598	4		

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
HOLSTEIN				RECORDS NUMBER	MILK LB	TEST %	FAT LB	AV. NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1336320 STAR PLAIN VIEW PROFILE.....*												
06-11-58 1169417 3071675 17 NON-AI DAUS.-05				35	16,117	3.9	627					
AI STUD, 35-75 LISTED, 02-66 17 WITH HERD-MATES				35	16,117	3.9	627	11	15,404	599		
STATES- 41								DIFF.	713	28		
1336658 CARNATION IDEAL DIGNITY.....*												
07-17-58 1175596 2931901 29 NON-AI DAUS.-02				46	15,063	3.5	533					
AI STUD, 35-02 LISTED, 02-66 29 WITH HERD-MATES				46	15,063	3.5	533	23	14,012	507		
STATES- 34								DIFF.	1,051	26		
1336960*												
STATES- 22				5	11,884	3.9	459					
				5	11,884	3.9	459	18	11,976	445		
								DIFF.	92-	14		
1337271 HARDEN FARM DUKE DESIGN.....*												
09-01-58 1112211 3379025 46 AI DAUGHTERS-14				52	13,362	3.5	462					
AI STUD, 65-02 LISTED, 02-66 46 WITH HERD-MATES				52	13,362	3.5	462	16	12,873	458	327	1
STATES- 65												
1337489*												
STATES- 91,92				5	13,308	3.9	525					
				5	13,308	3.9	525	10	11,798	442		
								DIFF.	1,510	83		
1337647 VIGD LEADER CARL.....*												
08-03-58 915940 3777356 44 AI DAUGHTERS-25				83	13,913	3.7	513					
AI STUD, 35-05 LISTED, 02-66 44 WITH HERD-MATES				83	13,913	3.7	513	18	13,787	509	137	5
STATES- 33,35,42												
1337655*												
STATES- 12				8	13,646	3.7	508					
				8	13,646	3.7	508	11	12,210	447		
								DIFF.	1,436	61		
1337741 NACHES HOOGLAND FLASHY BOY.....*												
02-20-58 1249795 3765729 29 NON-AI DAUS.-04				44	16,619	3.5	589					
AI STUD, 23-09 LISTED, 02-66 29 WITH HERD-MATES				44	16,619	3.5	589	13	15,573	541		
STATES- 81								DIFF.	1,046	48		
1338167*												
STATES- 48				6	11,983	3.4	407					
				6	11,983	3.4	407	10	14,800	506		
								DIFF.	2,817-	99-		
1338191 HILLTOP MAESTRO EXPLORER.....*												
06-30-58 1263007 3584837 413 AI DAUGHTERS-25*				505	13,915	3.6	494					
AI STUD, 34-01 LISTED, 02-66 413 WITH HERD-MATES				504	13,920	3.5	494	19	14,239	517	192-	18-
STATES- 11,13,14,16,21,22,32, 34												
				11	12,942	3.6	461					
				11	12,942	3.6	461	18	13,917	505		
1338592 HOMESTEAD FARM GOLDEN VEEMAN.....*												
09-07-58 1079736 3662621 166 AI DAUGHTERS-25*				218	13,252	3.6	473					
AI STUD, 63-01 LISTED, 02-66 166 WITH HERD-MATES				217	13,251	3.6	473	22	12,821	473	362	0
STATES- 52,63												
1338728 MAYERS DUKE MAJESTY FOBES.....*												
03-03-58 1293580 3480321 103 NON-AI DAUS.-25				199	15,130	4.1	620					
AI STUD, 31-02 LISTED, 02-66 103 WITH HERD-MATES				195	15,130	4.1	620	18	15,214	588		
STATES- 23,31,51								DIFF.	84-	32		
1339199*												
STATES- 21,35				5	8,294	3.3	275					
				5	8,294	3.3	275	16	10,952	362		
								DIFF.	2,658-	87-		
1339265 COLD S U DESIGN.....*												
05-12-58 1013415 3420440 15 AI DAUGHTERS-07				15	11,637	3.6	417					
AI STUD, 41-25 LISTED, 02-66 15 WITH HERD-MATES				15	11,637	3.6	417	38	12,589	469	428-	23-
STATES- 41												
1339370*												
STATES- 42				7	10,046	3.1	316					
				7	10,046	3.1	316	6	10,210	346		
								DIFF.	164-	30-		
1339464 CHINDOK FURY HAL.....*												
03-10-58 1207343 3194992 17 NON-AI DAUS.-02				30	18,727	3.6	677					
AI STUD, 51-02 LISTED, 02-66 17 WITH HERD-MATES				30	18,727	3.6	677	22	16,903	627		
STATES- 91								DIFF.	1,824	50		
1339659*												
STATES- 22				9	10,120	4.0	406					
				9	10,120	4.0	406	24	10,521	413		
								DIFF.	401-	7-		
1339836 SANGARD RAVEN STANLEY.....*												
05-15-57 1113350 3680532 27 NON-AI DAUS.-04				31	17,295	3.4	589					
AI STUD, 35-05 LISTED, 02-66 27 WITH HERD-MATES				31	17,295	3.4	589	139	17,206	611		
STATES- 87,93								DIFF.	89	22-		
1339838*												
STATES- 93				6	14,688	3.6	535					
				6	14,688	3.6	535	29	15,807	568		
								DIFF.	1,119-	33-		
1339934*												
STATES- 55				6	15,277	3.7	564					
				6	15,277	3.7	564	24	15,248	567		
								DIFF.	29	3-		

SIRE OF DHIA DAUGHTERS

HOLSTEIN					AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PROD. DIFF.	
	RECORDS	MILK	TEST	FAT	NUMBER	L8	%	L8	NUMBER	MILK	FAT	MILK	FAT
1340562 CAL-CLARK ROMEO REBEL.....*													
10-21-58 1310334 3671677 38 NON-AI DAUS.-01	38	16,599	3.7	618									
AI STUD, 35-02 LISTED, 02-66 38 WITH HERD-MATES	38	16,599	3.7	618					61	15,489	567		
STATES- 93									DIFF.	1,110	51		
1340668*													
STATES- 22,23,34 7 NON-AI DAUS.-07	8	13,916	3.4	473					72	12,839	462		
7 WITH HERD-MATES	8	13,916	3.4	473					DIFF.	1,077	11		
1340669 IRVINGTON PRIDE COMMANDER.....*													
08-29-58 1112030 2728655 265 AI DAUGHTERS-25*	265	14,969	3.5	528									
AI STUD, 33-03 LISTED, 02-66 262 WITH HERD-MATES	262	14,937	3.5	528					24	14,362	530	655	3
STATES- 11,12,13,14,16,21,22,													
23,31,32,33,34,35,41,42,43,48,	28	13,714	3.6	493									
50,51,52,55,61,63,73,82,93 28 WITH HERD-MATES	47	13,714	3.6	493					48	13,800	521		
1340678*													
STATES- 35 5 NON-AI DAUS.-01	5	10,108	3.4	346					15	12,488	438		
5 WITH HERD-MATES	5	10,108	3.4	346					DIFF.	2,380-	92-		
1341149 JEWELHOLM SUPREME CYCLONE.....*													
11-01-58 1241487 4221250 15 NON-AI DAUS.-11	30	18,508	3.4	637									
AI STUD, 31-02 LISTED, 02-66 15 WITH HERD-MATES	30	18,508	3.4	637					22	16,357	587		
STATES- 14,16,21,31,43									DIFF.	2,151	50		
1341235*													
STATES- 31 7 NON-AI DAUS.-01	7	12,310	3.4	421					24	14,430	497		
7 WITH HERD-MATES	7	12,310	3.4	421					DIFF.	2,120-	76-		
1341388*													
STATES- 14,16,21 6 NON-AI DAUS.-06	8	16,228	3.6	586					17	14,455	542		
6 WITH HERD-MATES	8	16,228	3.6	586					DIFF.	1,773	44		
1341639*													
STATES- 21,23,82,86 11 NON-AI DAUS.-10	17	12,725	3.8	488					32	14,298	517		
11 WITH HERD-MATES	17	12,725	3.8	488					DIFF.	1,573-	29-		
1342225 PENSTATE LUCIFER J TY VIC.....*													
11-07-58 923749 3279561 237 AI DAUGHTERS-25*	431	12,830	3.9	495					19	13,917	533	923-	30-
AI STUD, 23-09 LISTED, 02-66 237 WITH HERD-MATES	431	12,830	3.9	495									
STATES- 23,50,51,93													
1342413 OAVENPORT BURKAYNE PILOT.....*													
10-31-58 1189590 3802240 17 AI DAUGHTERS-06	23	12,471	3.7	461					28	13,682	483	527-	10-
AI STUD, 42-08 LISTED, 02-66 17 WITH HERD-MATES	23	12,471	3.7	461									
STATES- 42													
1342889*													
STATES- 42,43 5 NON-AI DAUS.-02	6	13,650	3.5	481					6	14,776	520		
5 WITH HERD-MATES	5	13,650	3.5	481					DIFF.	1,118-	39-		
1343137*													
STATES- 21 5 NON-AI DAUS.-01	5	11,538	3.6	421					43	11,912	445		
5 WITH HERD-MATES	5	11,538	3.6	421					DIFF.	374-	24-		
1343567*													
STATES- 12 6 NON-AI DAUS.-04	7	11,073	3.7	413					16	11,598	424		
6 WITH HERD-MATES	7	11,073	3.7	413					DIFF.	525-	11-		
1343588*													
STATES- 12,16 5 NON-AI DAUS.-05	10	14,411	3.7	534					15	14,760	561		
5 WITH HERD-MATES	10	14,411	3.7	534					DIFF.	349-	27-		
1343798 CEDARDALE CORPORAL.....*													
10-03-58 1038118 3568847 45 NON-AI DAUS.-06	79	12,907	4.2	546					25	13,949	530		
AI STUD, 35-05 LISTED, 02-66 45 WITH HERD-MATES	79	12,907	4.2	546					DIFF.	1,042-	16		
STATES- 13,21													
1343955 KYLAND CRESCENT PREMIER.....*													
11-10-58 1126392 4086149 10 AI DAUGHTERS-07	10	14,436	3.8	545					12	13,901	520	206	10
AI STUD, 35-01 LISTED, 02-66 10 WITH HERD-MATES	10	14,436	3.8	545									
STATES- 35,48													
5 NON-AI DAUGHTERS	8	17,635	3.8	672					19	14,734	546		
5 WITH HERD-MATES	8	17,635	3.8	672									
1344262*													
STATES- 48 6 NON-AI DAUS.-03	6	12,483	3.6	445					14	13,595	473		
6 WITH HERD-MATES	6	12,483	3.6	445					DIFF.	1,112-	28-		
1344281*													
STATES- 42 5 NON-AI DAUS.-02	7	13,463	3.3	442					3	12,978	467		
5 WITH HERD-MATES	6	13,422	3.3	439					DIFF.	444	28-		
1344345 SKYWAY ESTEEM SAM.....*													
08-10-58 1282125 4143918 23 NON-AI DAUS.-09	32	15,254	3.6	548					33	14,704	550		
AI STUD, 35-02 LISTED, 02-66 23 WITH HERD-MATES	32	15,254	3.6	548					DIFF.	550	2-		
STATES- 13,35,86,93													
1344728*													
STATES- 42,43 6 NON-AI DAUS.-02	6	12,982	3.6	472					10	12,602	447		
6 WITH HERD-MATES	6	12,982	3.6	472					DIFF.	380	25		

SIRE OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF DAU. RECORDS MILK TEST FAT NUMBER LB % LB	ADJ. HERD-MATES AV. NUMBER MILK FAT L8 L8 L8	PRED. DIFF. MILK FAT LB LB
1344852	*****					
STATES- 14,21	5 NON-AI DAUS.-05	6	10,238	3.4	350	
	5 WITH HERD-MATES	6	10,238	3.4	350	
						24 11,628 429 DIFF. 1,390- 79-
1344855	8ACH FARM MEADOW DEAN MIKE.....*					
07-29-58	929962 3288843 80 AI DAUGHTERS-25*	128	13,345	3.5	470	
AI STUD, 21-01 LISTED, 02-66	80 WITH HERD-MATES	128	13,345	3.5	470	
STATES- 13,21,23						26 13,847 500 338- 22-
1344920	*****					
STATES- 46	5 NON-AI DAUS.-01	6	11,409	3.3	378	
	5 WITH HERD-MATES	6	11,409	3.3	378	
						10 12,911 443 DIFF. 1,502- 65-
1345041	DONCROFT SPARKIE.....*					
09-30-58	1013415 3840437 16 NON-AI DAUS.-06	25	17,418	3.7	649	
AI STUD, 35-02 LISTED, 02-66	16 WITH HERD-MATES	25	17,418	3.7	649	
STATES- 23,50						20 16,996 680 DIFF. 422 31-
1345091	*****					
STATES- 21	9 NON-AI DAUS.-01	9	11,416	3.4	388	
	9 WITH HERD-MATES	9	11,416	3.4	388	
						15 14,298 488 DIFF. 2,882- 100-
1345461	IVA-NAN DICTATOR EDEN.....*					
08-04-58	1257390 2720442 13 NON-AI DAUS.-01	21	17,116	3.5	601	
AI STUD, 34-01 LISTED, 02-66	13 WITH HERD-MATES	21	17,116	3.5	601	
STATES- 32						15 15,001 528 DIFF. 2,115 73
1345807	ARLINDA ELSIE JULIUS.....*					
11-11-58	1150470 2946579 14 NON-AI DAUS.-04	16	18,081	3.4	616	
AI STUD, 93-10 LISTED, 02-66	14 WITH HERD-MATES	16	18,081	3.4	616	
STATES- 93						65 17,910 635 DIFF. 171 19-
1345835	*****					
STATES- 51	5 NON-AI DAUS.-02	7	13,031	3.8	498	
	5 WITH HERD-MATES	7	13,031	3.8	498	
						26 12,700 492 DIFF. 331 6
1346399	*****					
STATES- 31	6 NON-AI DAUS.-01	6	13,040	3.6	469	
	6 WITH HERD-MATES	6	13,040	3.6	469	
						5 14,658 530 DIFF. 1,618- 61-
1346850	DRISWOOD ZEUS BURKE TRIUNE.....*					
10-06-58	1024856 3677394 13 NON-AI DAUS.-03	20	18,029	3.5	639	
AI STUD, 51-02 LISTED, 02-66	13 WITH HERD-MATES	19	18,064	3.5	641	
STATES- 54						17 16,123 568 DIFF. 1,941 73
1347065	PAWNEE FARM REFLECTION SUPREME.....*					
10-28-58	1322381 3922839 67 AI DAUGHTERS-25*	83	13,945	3.6	504	
AI STUD, 41-25 LISTED, 02-66	66 WITH HERD-MATES	82	14,020	3.6	506	
STATES- 35,41,42,43,47						23 14,137 515 7- 4-
	9 NON-AI DAUGHTERS	20	16,615	3.5	585	
	8 WITH HERD-MATES	17	17,262	3.5	608	
						8 14,029 515
1347112	ELKHART FOND MARMADUKE.....*					
01-31-59	1250992 4055581 35 AI DAUGHTERS-20	44	14,902	3.6	540	
AI STUD, 41-25 LISTED, 02-66	35 WITH HERD-MATES	44	14,902	3.6	540	
STATES- 42,47						26 14,313 511 454 20
1347382	*****					
STATES- 48,73	5 NON-AI DAUS.-03	5	15,572	3.4	535	
	5 WITH HERD-MATES	5	15,572	3.4	535	
						16 14,432 530 DIFF. 1,140 5
1347623	CARNATION MADCAP CROWN PRINCE.....*					
12-23-58	1152252 2806672 81 AI DAUGHTERS-25*	123	11,472	3.6	413	
AI STUD, 61-01 LISTED, 02-66	81 WITH HERD-MATES	123	11,472	3.6	413	
STATES- 54,61,65						23 12,892 460 1,151- 39-
	5 NON-AI DAUGHTERS	12	13,865	3.7	509	
	5 WITH HERD-MATES	12	13,865	3.7	509	
						23 14,409 511
1347940	WHIRLHILL KINGPIN.....*					
02-13-59	1104074 4227925 581 AI DAUGHTERS-25*	843	15,443	3.7	578	
AI STUD, 23-11 LISTED, 02-66	581 WITH HERD-MATES	843	15,443	3.7	578	
STATES- 23,51,54						17 14,084 522 1,411 59
1348039	*****					
STATES- 23	5 NON-AI DAUS.-03	8	15,469	3.8	591	
	5 WITH HERD-MATES	8	15,469	3.8	591	
						22 14,491 548 DIFF. 978 43
1348054	*****					
STATES- 41	7 NON-AI DAUS.-03	7	12,973	3.8	499	
	7 WITH HERD-MATES	7	12,973	3.8	499	
						9 13,359 512 DIFF. 386- 13-
1348259	AIRYTOP SIR SEELY PA8ST ORLO.....*					
11-13-58	1102436 3304894 123 AI DAUGHTERS-25*	234	14,944	3.6	543	
AI STUD, 21-01 LISTED, 02-66	123 WITH HERD-MATES	234	14,944	3.6	543	
STATES- 13,21						26 14,263 517 689 26
1348281	PINEYHILL MAXIMILIAN.....*					
09-11-58	1295523 3982675 226 AI DAUGHTERS-25*	319	13,766	3.9	541	
AI STUD, 23-11 LISTED, 02-66	226 WITH HERD-MATES	319	13,766	3.9	541	
STATES- 21,22,23,93						20 14,056 528 174- 17
	5 NON-AI DAUGHTERS	7	16,419	4.0	663	
	5 WITH HERD-MATES	7	16,419	4.0	663	
						29 14,790 556

SIRE OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF DAU.				AOJ. HERO-MATES AV.			PRED. DIFF.	
				RECOROS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
				NUMBER	L8	%	LB	NUMBER	L8	L8	L8	L8
1348625	*****											
STATES-	16,21	5	NON-AI DAUS.-03	6	16,486	3.9	649					
		5	WITH HERO-MATES	6	16,486	3.9	649	37	16,356	604		
								DIFF.	130	45		
1348753	*****											
STATES-	93	7	NON-AI DAUS.-02	7	15,943	3.5	551					
		7	WITH HERO-MATES	7	15,943	3.5	551	29	15,013	549		
								DIFF.	930	2		
1349029	RAYMAU HEADMASTER.....*											
03-01-59	1181068	3125930	33	NON-AI DAUS.-10	41	16,483	3.9	644				
AI STUD,	35-02	LISTED, 02-66	33	WITH HERO-MATES	41	16,483	3.9	644	19	15,598	598	
STATES-	11,14,15							DIFF.	885	46		
1349173	*****											
STATFS-	41	6	NON-AI DAUS.-02	7	13,385	3.7	498					
		6	WITH HERO-MATES	7	13,385	3.7	498	6	11,902	445		
								DIFF.	1,483	53		
1349319	8AYFIELD DUN TY NICHOLAS.....*											
12-21-58	1148087	4108414	73	AI OAGHTERS-25*	76	14,199	3.7	522				
AI STUD,	12-03	LISTED, 02-66	72	WITH HERO-MATES	75	14,230	3.7	523	23	13,949	529	289
STATES-	11,12,13,14,16											1-
		5	NON-AI OAGHTERS	6	14,831	3.4	508					
		5	WITH HERO-MATES	6	14,831	3.4	508	29	14,114	534		
1349409	EHREDT PANSY TOVARICH ORMSBY.....*											
11-21-58	1040535	2851884	14	NON-AI DAUS.-01	24	17,389	3.7	639				
AI STUD,	35-04	LISTED, 02-66	14	WITH HERO-MATES	24	17,389	3.7	639	3	15,557	561	
STATES-	35							DIFF.	1,832	78		
1349678	CARNATION ROYAL PROMISE.....*											
02-01-59	1305460	4291800	24	NON-AI DAUS.-04	37	15,943	3.7	583				
AI STUD,	41-25	LISTED, 02-66	24	WITH HERO-MATES	37	15,943	3.7	583	9	14,642	552	
STATES-	35							DIFF.	1,301	31		
1349680	CARNATION ROYAL TOPMAN.....*											
02-06-59	1305460	3406285	25	NON-AI DAUS.-02	36	16,537	3.8	633				
STATES-	91	LISTED, 08-65	25	WITH HERO-MATES	36	16,537	3.8	633	18	14,588	553	
								DIFF.	1,949	80		
1349691	GRAYVIEW SKYHIGH.....*											
05-06-58	1244845	3882120	94	NON-AI DAUS.-09	110	14,727	3.5	518				
AI STUD,	31-02	LISTED, 02-66	94	WITH HERO-MATES	110	14,727	3.5	518	182	15,435	554	
STATES-	41,42,43,88,93							DIFF.	708-	36-		
1349786	*****											
STATES-	21,23,33,58	6	NON-AI OAS.-06	7	13,916	3.5	481					
		6	WITH HERO-MATES	7	13,916	3.5	481	21	14,628	527		
								DIFF.	712-	46-		
1350137	DAVENPORT RAG APPLE PILOT.....*											
01-16-59	1189590	4116811	26	AI DAUGHTERS-05	35	14,853	3.7	549				
AI STUD,	42-08	LISTED, 02-66	26	WITH HERO-MATES	35	14,853	3.7	549	31	15,344	560	149-
STATES-	42											2-
1350190	GLENAFTON RAG APPLE DESIGN LAD.....*											
06-20-58	010239301	010672857	379	AI OAGHTERS-25*	520	14,647	3.6	524				
AI STUD,	33-03	LISTED, 02-66	378	WITH HERO-MATES	519	14,652	3.6	524	23	13,798	507	881
STATES-	11,13,14,15,16,21,22,											19
	23,31,32,33,34,35,41,42,43,45,											
	46,47,48,50,51,52,54,55,58,61,											
	82,84,92,93											
1350414	HEERSCHE REFLECTOR COUNT.....*											
03-06-59	1298430	3555057	20	NON-AI DAUS.-01	27	15,313	4.0	616				
AI STUD,	35-75	LISTED, 02-66	20	WITH HERO-MATES	27	15,313	4.0	616	23	14,773	568	
STATES-	48							DIFF.	540	48		
1350463	LAVACRES DAWN MERRIMAC.....*											
03-12-59	1291500	4151544	11	NON-AI OAS.-01	11	14,415	3.7	538				
AI STUD,	33-03	LISTED, 02-66	11	WITH HERO-MATES	11	14,415	3.7	538	21	12,948	477	
STATES-	93							DIFF.	1,467	61		
1350645	*****											
STATES-	22,51	5	NON-AI DAUS.-02	6	16,750	3.8	643					
		5	WITH HERO-MATES	6	16,750	3.8	643	15	16,565	638		
								DIFF.	185	5		
1350728	*****											
STATES-	57,64	5	NON-AI DAUS.-05	6	14,048	3.7	515					
		5	WITH HERO-MATES	6	14,048	3.7	515	23	12,385	426		
								DIFF.	1,663	89		
1350848	HIGH MEADOW FARM SIR GALLAHAD.....											
10-22-58	929962	4290431	76	AI DAUGHTERS-25*	104	14,791	3.5	521				
AI STUD,	21-01	LISTED, 02-66	76	WITH HERO-MATES	104	14,791	3.5	521	23	14,493	527	349
STATES-	13,16,21,23											1-
		12	NON-AI DAUGHTERS	16	15,549	3.5	547					
		12	WITH HERO-MATES	16	15,549	3.5	547	20	14,646	526		
1351017	*****											
STATES-	21	5	NON-AI DAUS.-01	5	10,712	4.3	460					
		5	WITH HERO-MATES	5	10,712	4.3	460	20	15,048	540		
								DIFF.	4,336-	80-		
1351183	*****											
STATES-	21	5	NON-AI DAUS.-01	7	11,963	3.5	413					
		5	WITH HERO-MATES	7	11,963	3.5	413	39	12,468	432		
								DIFF.	505-	19-		

SIRE OF DHIA DAUGHTERS

HOLSTEIN				AV. PRODUCTION OF OAU.				ADJ. HERO-MATES AV.			PRED. OIFF.
				RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK FAT
				NUMBER	L8	%	L8	NUMBER	L8	L8	L8 L8
1351271	LIME HOLLOW DEAN ARISTOCRAT.....*										
02-14-59	1124780 3918867	77	AI DAUGHTERS-25*	77	15,200	3.6	541				
AI STUO, 21-01	LISTED, 02-66	77	WITH HERD-MATES	77	15,200	3.6	541	28	14,965	537	338 8
STATES-	13,21,23										
		20	NON-AI DAUGHTERS	21	14,295	3.6	519				
		20	WITH HERD-MATES	21	14,295	3.6	519	20	14,134	514	
1351402*										
STATES-	42	5	NON-AI DAUS.-01	5	14,082	3.5	498				
		5	WITH HERD-MATES	5	14,082	3.5	498	5	12,072	436	
								OIFF.	2,010	62	
1351581*										
STATES-	41	5	NON-AI DAUS.-01	5	13,690	3.7	503				
		5	WITH HERD-MATES	5	13,690	3.7	503	41	14,354	535	
								OIFF.	664-	32-	
1352180*										
STATES-	33	5	NON-AI DAUS.-01	5	12,684	3.5	446				
		5	WITH HERD-MATES	5	12,684	3.5	446	14	12,344	468	
								OIFF.	340	22-	
1352358	ATHLONE ADMIRAL COCHISE.....*										
03-31-59	1179373 3913726	43	AI DAUGHTERS-25*	47	14,266	3.7	526				
AI STUO, 33-03	LISTED, 02-66	43	WITH HERO-MATES	47	14,266	3.7	526	19	14,182	519	134 8
STATES-	11,13,21,22,23,31,33,34,35,41,42,43,48,87										
1352707	CARNATION ROYAL COUNT.....*										
05-03-59	1305460 3700610	34	AI DAUGHTERS-18	56	14,344	3.6	515				
AI STUO, 35-05	LISTED, 02-66	34	WITH HERD-MATES	56	14,344	3.6	515	17	13,939	514	310 3
STATES-	33,35										
1352927	VALLA VISTA NETHERLAND CAREY.....*										
02-26-59	1106455 4425760	41	AI DAUGHTERS-25*	44	14,950	3.5	518				
AI STUO, 48-01	LISTED, 02-66	41	WITH HERD-MATES	44	14,950	3.5	518	19	13,731	485	864 23
STATES-	48,71										
1352953	KEYSTONE IDEAL PIONEER.....*										
12-31-58	1013415 3473274	46	AI DAUGHTERS-11	90	16,839	3.8	645				
AI STUO, 31-01	LISTED, 02-66	46	WITH HERD-MATES	90	16,839	3.8	645	46	16,447	616	509 30
STATES-	55										
1352967	SKOKIE MISTER DESIGN.....*										
12-02-58	1298378 2760877	93	AI DAUGHTERS-25*	100	13,855	3.7	517				
AI STUO, 33-03	LISTED, 02-66	93	WITH HERD-MATES	100	13,855	3.7	517	21	14,381	523	324- 1-
STATES-	14,21,22,23,31,32,33,34,35,41,42,43,47,48,51,84										
1352979	SKOKIE NED BOY.....*										
04-02-59	1282185 3235818	208	AI DAUGHTERS-25*	253	14,704	3.6	531				
AI STUO, 33-02	LISTED, 02-66	208	WITH HERD-MATES	253	14,704	3.6	531	22	13,773	512	914 21
STATES-	33,41,47										
1352987*										
STATES-	11	5	NON-AI DAUS.-02	5	15,262	3.8	577				
		5	WITH HERD-MATES	5	15,262	3.8	577	12	15,994	611	
								OIFF.	732-	34-	
1353154	PENSTATE MARK STAR TY F08ES.....*										
03-30-59	1157986 2569786	241	AI DAUGHTERS-25*	353	13,032	4.1	529				
AI STUO, 23-05	LISTED, 05-65	241	WITH HERD-MATES	353	13,032	4.1	529	18	13,379	513	291- 18
STATES-	23										
1353261	SKOKIE OUK DANBORD.....*										
09-10-58	1288610 3913641	17	AI DAUGHTERS-12	18	12,639	3.8	477				
AI STUO, 23-11	LISTED, 02-66	17	WITH HERD-MATES	18	12,639	3.8	477	27	14,486	547	782- 29-
STATES-	21,22,23										
		6	NON-AI DAUGHTERS	13	14,135	3.5	488				
		6	WITH HERD-MATES	13	14,139	3.5	488	16	13,957	517	
1353294	M V 8 A PRESTO MAIO BURKE.....*										
05-12-58	1167510 2958623	93	AI DAUGHTERS-25*	120	14,100	3.6	511				
AI STUO, 41-01	LISTED, 02-66	93	WITH HERD-MATES	119	14,098	3.6	511	20	13,558	484	486 23
STATES-	41,42,46,48										
1353580*										
STATES-	23	5	NON-AI DAUS.-01	9	19,850	3.2	639				
		5	WITH HERD-MATES	9	19,850	3.2	639	17	16,138	575	
								OIFF.	3,712	64	
1353865*										
STATES-	41	5	NON-AI DAUS.-01	6	10,853	3.8	408				
		5	WITH HERD-MATES	6	10,853	3.8	408	12	13,091	489	
								OIFF.	2,238-	81-	
1354126*										
STATES-	48	6	NON-AI DAUS.-02	6	12,025	3.4	403				
		6	WITH HERO-MATES	6	12,025	3.4	403	12	13,185	448	
								OIFF.	1,160-	45-	
1354288	CARNATION ROYAL SPECIALIST.....*										
06-16-59	1305460 2684484	175	AI DAUGHTERS-25*	191	14,494	3.5	505				
AI STUO, 91-13	LISTED, 02-66	173	WITH HERD-MATES	188	14,495	3.5	505	21	14,299	521	287 11-
STATES-	35,42,81,82,87,91										
1354671	SEQUOIA JO PILOT PAUL.....*										
10-27-58	1094305 2972590	109	AI DAUGHTERS-25*	139	13,486	3.7	496				
AI STUO, 87-01	LISTED, 02-66	109	WITH HERO-MATES	139	13,486	3.7	496	22	14,060	500	400- 2-
STATES-	82,83,84,87,92										
		5	NON-AI DAUGHTERS	9	11,958	3.6	436				
		5	WITH HERO-MATES	9	11,958	3.6	436	16	12,318	451	

SIRE OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREO. OIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1354806									
STATES- 52	5	14,166	3.6	503	27	14,098	504		
	5	14,166	3.6	503	DIFF.	68	1-		
1354913									
STATES- 23	5	10,523	3.8	395	7	11,924	470		
	5	10,523	3.8	395	DIFF.	1,401-	75-		
1354924 ARLINDA FORTY-NINER AMADOR.....*									
02-23-55 1283917 3455889 6 AI DAUGHTERS-02	6	15,073	3.8	574					
AI STUD, 93-02 LISTED, 02-66 6 WITH HERD-MATES	6	15,073	3.8	574	139	15,897	592	124-	1-
STATES- 93									
1354967									
STATES- 22,51	6	11,725	3.7	430	20	12,262	446		
	6	11,725	3.7	430	DIFF.	537-	16-		
1355002									
STATES- 52,54	8	11,164	3.4	383	33	12,064	392		
	8	11,164	3.4	383	DIFF.	900-	9-		
1355019									
STATES- 31	6	12,155	3.5	424	12	12,477	430		
	6	12,155	3.5	424	DIFF.	322-	6-		
1355023 MAVIEW PILCT MASTER.....*									
01-22-55 1181068 3617497 32 AI DAUGHTERS-17	40	11,583	3.7	432					
AI STUD, 63-02 LISTED, 02-66 32 WITH HERD-MATES	40	11,583	3.7	432	23	12,467	454	580-	15-
STATES- 63									
1355148 GYPSIE 8 F CARNATION.....									
01-25-59 1152252 3576857 15 NON-AI DAUS.-02	24	15,612	3.6	556					
LISTED, 08-65 15 WITH HERD-MATES	24	15,612	3.6	556	15	15,762	575		
STATES- 42					DIFF.	150-	19-		
1355222									
STATES- 23,51	5	15,054	3.6	539	31	13,318	515		
	5	15,054	3.6	539	DIFF.	1,736	24		
1355376 IVA-NAN REGAL LAO EMPEROR.....									
11-03-58 1204710 3361831 7 AI DAUGHTERS-07	7	14,201	3.6	512					
AI STUD, 42-02 LISTED, 02-66 7 WITH HERD-MATES	7	14,201	3.6	512	18	12,891	471	335	11
STATES- 33,35,42,56									
	8	13,586	3.9	531					
	8	13,586	3.9	531	16	12,812	480		
1355528 LAVACRES OICTATOR PHOENIX.....									
07-20-59 1204163 3948870 20 NON-AI DAUS.-02	20	17,245	3.6	616					
AI STUD, 93-10 LISTED, 02-66 20 WITH HERD-MATES	20	17,245	3.6	616	62	16,299	599		
STATES- 93					OIFF.	946	17		
1355782									
STATES- 52	5	14,848	3.8	561	10	15,424	545		
	5	14,848	3.8	561	DIFF.	576-	16		
1355783 THONYMA TRAOTITION.....									
01-24-59 1013415 3213409 168 AI DAUGHTERS-25*	201	14,252	3.5	502					
AI STUD, 87-01 LISTED, 02-66 167 WITH HERD-MATES	200	14,260	3.5	502	19	14,220	508	139	3-
STATES- 82,83,84,87									
1355784 THONYMA STYLEMASTER.....*									
02-20-59 1013415 4204563 39 AI DAUGHTERS-25*	49	16,516	3.3	542					
AI STUD, 31-02 LISTED, 02-66 39 WITH HERD-MATES	49	16,516	3.3	542	32	14,174	501	1,621	28
STATES- 21,31,34,43,48,58,71									
1355869									
STATES- 35	6	12,642	3.5	438	6	13,997	499		
	6	12,642	3.5	438	DIFF.	1,355-	61-		
1355942 ELMOKA HOMESTEAD MARTY.....*									
02-07-55 1178237 3513388 37 AI DAUGHTERS-25*	63	13,504	3.9	520					
AI STUD, 35-05 LISTED, 02-66 37 WITH HERD-MATES	63	13,504	3.9	520	17	13,746	506	112-	11
STATES- 33,35,41,42,63,71									
1356018									
STATES- 45	5	13,174	3.8	500	37	12,760	450		
	5	13,174	3.8	500	DIFF.	414	50		
1356121									
STATES- 34	5	11,862	3.6	431	9	11,785	446		
	5	11,862	3.6	431	DIFF.	77	15-		
1356423									
STATES- 14	5	13,612	3.7	505	32	13,770	509		
	5	13,612	3.7	505	DIFF.	158-	4-		
1356804									
STATES- 74	5	15,411	3.3	502	7	13,587	437		
	5	15,411	3.3	502	DIFF.	1,824	65		

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREO. DIFF.	
HOLSTEIN				RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
1357033 DREGON CHALLENGER ZENITH.....*												
02-11-59 1253140 3441114 17 NON-AI DAUS.-02				19	16,154	3.4	553					
AI STUD, 52-01 LISTED, 02-66 17 WITH HERO-MATES				19	16,154	3.4	553	19	15,594	545		
STATES- 92								DIFF.	560	8		
1357215 VIGO VITALITY.....*												
11-18-58 1303198 2759644 17 NON-AI DAUS.-07				31	14,838	3.7	544					
AI STUD, 35-75 LISTED, 02-66 17 WITH HERD-MATES				31	14,838	3.7	544	21	15,805	576		
STATES- 23,35,51								OIFF.	967-	32-		
1357265*												
STATES- 35,42				6	13,155	3.5	461					
				6	13,155	3.5	461	14	12,621	460		
								OIFF.	534	1		
1357743 GLENAFTON RAG APPLE CHARMER.....*												
05-31-58 010249530 011170690 43 NON-AI DAUS.-08				67	16,568	3.5	585					
AI STUD, 33-03 LISTED, 02-66 43 WITH HERD-MATES				67	16,568	3.5	585	32	15,373	540		
STATES- 93								OIFF.	1,195	45		
1357750*												
STATES- 87,93				8	18,396	3.5	645					
				8	18,396	3.5	645	115	17,568	630		
								DIFF.	828	15		
1357758*												
STATES- 21				5	13,986	3.6	507					
				5	13,986	3.6	507	56	14,468	518		
								DIFF.	482-	11-		
1357766*												
STATES- 52				5	15,328	3.5	531					
				5	15,328	3.5	531	27	16,172	561		
								DIFF.	844-	30-		
1357797 BILLVER OLIVER KING.....*												
D1-29-59 1061147 4173854 155 AI DAUGHTERS-25*				218	15,457	3.9	609					
AI STUD, 35-03 LISTED, 02-66 154 WITH HERO-MATES				217	15,501	3.9	608	18	14,690	539	862	66
STATES- 32,35,42,61,74												
1357982*												
STATES- 82				6	14,838	3.4	509					
				6	14,838	3.4	509	34	16,111	583		
								DIFF.	1,273-	74-		
1357998 WIS OEFENOER.....*												
D7-12-59 1292880 3009985 18 AI DAUGHTERS-17				23	14,649	3.8	560					
AI STUD, 35-03 LISTED, 02-66 18 WITH HERD-MATES				23	14,649	3.8	560	19	14,562	537	112	14
STATES- 35,42												
1358005 WIS SYMBOL PRIOE.....*												
D8-04-59 1189593 3279882 11 NON-AI DAUS.-09				15	16,689	3.5	591					
AI STUD, 23-11 LISTED, 02-66 11 WITH HERD-MATES				15	16,689	3.5	591	21	15,307	583		
STATES- 21,22,23								OIFF.	1,382	8		
1358216*												
STATES- 23				6	14,170	3.8	534					
				6	14,170	3.8	534	10	15,152	596		
								DIFF.	982-	62-		
1358255 BIG GREEN INDIAN WALLACE-TWIN.....*												
04-02-59 956081 3998328 105 AI DAUGHTERS-25*				151	14,601	3.5	515					
AI STUD, 21-01 LISTED, 02-66 105 WITH HERD-MATES				151	14,601	3.5	515	26	14,151	511	470	6
STATES- 11,13,21												
1358667*												
STATES- 51				5	14,616	3.9	571					
				5	14,616	3.9	571	13	13,998	538		
								DIFF.	618	33		
1358758*												
STATES- 31				5	16,084	3.5	564					
				5	16,084	3.5	564	9	15,510	542		
								DIFF.	574	22		
1358823 SKOKIE PARATHON BOY.....*												
D5-22-59 1282185 2872217 485 AI DAUGHTERS-25*				676	14,084	3.8	537					
AI STUD, 23-11 LISTED, 02-66 483 WITH HERD-MATES				672	14,096	3.8	537	21	14,162	534	42	9
STATES- 14,16,21,23												
1359019*												
STATES- 41				6	13,817	3.1	426					
				6	13,817	3.1	426	14	12,388	416		
								DIFF.	1,429	10		
1359085*												
STATES- 13				9	17,252	3.3	572					
				9	17,252	3.3	572	12	14,987	547		
								DIFF.	2,265	25		
1359114*												
STATES- 34				5	12,338	3.8	464					
				5	12,338	3.8	464	8	12,094	441		
								DIFF.	244	23		
1359295*												
STATES- 91,92				6	12,403	3.5	433					
				6	12,403	3.5	433	16	14,173	487		
								DIFF.	1,770-	54-		
1359360*												
STATES- 51				5	8,905	3.9	351					
				5	8,905	3.9	351	26	10,289	384		
								DIFF.	1,384-	33-		

SIRE OF DHIA DAUGHTERS

HOLSTEIN					AV. PRODUCTION OF DAU.	ADJ. HERD-MATES AV.	PRED. DIFF.	
					RECORDS MILK TEST FAT	AV. MILK FAT	MILK FAT	
					NUMBER LB % LB	NUMBER LB LB	Lb Lb	
1359512	TEXAS FDBES STAR II CF L S U.....*							
09-02-58	1035459 3646603	5	AI DAUGHTERS-01	5	14,030 3.4 471			
AI STUD, 72-01	LISTED, 02-66	5	WITH HERD-MATES	5	14,030 3.4 471	43	15,008 498	157- 5-
STATES- 72								
1359626	PAWNEE FARM RDSAFE LDCHINVAR.....*							
02-27-59	1322381 4177009	36	NON-AI DAUS.-01	59	16,502 3.8 621			
AI STUD, 41-25	LISTED, 02-66	36	WITH HERD-MATES	59	16,502 3.8 621	25	13,767 505	
STATES- 47						DIFF. 2,735	116	
1359935*							
		6	NON-AI DAUS.-01	6	12,040 3.7 442			
STATES- 52		6	WITH HERD-MATES	6	12,040 3.7 442	34	14,998 518	
						DIFF. 2,958-	76-	
1360045*							
		6	NON-AI DAUS.-01	6	13,892 3.8 531			
STATES- 21		6	WITH HERD-MATES	6	13,892 3.8 531	18	13,920 489	
						DIFF. 28-	42	
1360201*							
		13	NON-AI DAUS.-12	13	14,175 3.7 521			
STATES- 21,22,23,31,34,46,58, 63		13	WITH HERD-MATES	13	14,175 3.7 521	50	13,725 498	
						DIFF. 450	23	
1360359*							
		5	NON-AI DAUS.-02	7	13,674 3.3 455			
STATES- 13,23		5	WITH HERD-MATES	7	13,674 3.3 455	28	13,386 466	
						DIFF. 288	11-	
1360446*							
		5	NON-AI DAUS.-03	8	17,099 3.5 606			
STATES- 16		5	WITH HERD-MATES	8	17,099 3.5 606	32	15,662 589	
						DIFF. 1,437	17	
1360629*							
		5	NON-AI DAUS.-02	8	13,070 3.5 457			
STATES- 86		5	WITH HERD-MATES	8	13,070 3.5 457	75	12,771 448	
						DIFF. 299	9	
1360676	ZIMMERMAN PILDT STAR TIDY-TWIN.....*							
12-22-58	1261857 4111408	6	AI DAUGHTERS-03	6	20,875 3.5 739			
AI STUD, 23-01	LISTED, 02-66	6	WITH HERD-MATES	6	20,875 3.5 739	10	17,663 647	845 25
STATES- 23								
1361019*							
		5	NON-AI DAUS.-02	11	12,694 3.8 484			
STATES- 35		5	WITH HERD-MATES	11	12,694 3.8 484	37	13,494 508	
						DIFF. 800-	24-	
1361065	GLENAFTON RAG APPLE HIGHLIGHT.....*							
02-13-59	010239301 D10723716	300	AI DAUGHTERS-25*	382	14,532 3.9 570			
AI STUD, 35-03	LISTED, 02-66	300	WITH HERD-MATES	382	14,532 3.9 570	18	14,605 531	77 41
STATES- 23,33,34,35,42,46,61, 74								
1361342*							
		5	NON-AI DAUS.-01	5	12,788 3.6 460			
STATES- 21		5	WITH HERD-MATES	5	12,788 3.6 460	15	14,902 560	
						DIFF. 2,114-	100-	
1361345	RIVER VALLEY T N ARISTOCRAT.....*							
07-19-59	1264035 3092559	51	AI DAUGHTERS-25*	62	13,396 3.5 466			
AI STUD, 61-01	LISTED, 02-66	51	WITH HERD-MATES	62	13,396 3.5 466	19	13,102 464	214 1
STATES- 61								
1361359*							
		5	NON-AI DAUS.-03	6	14,838 3.5 522			
STATES- 35		5	WITH HERD-MATES	6	14,838 3.5 522	19	15,338 564	
						DIFF. 500-	42-	
1361729*							
		5	NON-AI DAUS.-01	5	13,976 3.7 519			
STATES- 32		5	WITH HERD-MATES	5	13,976 3.7 519	7	13,976 500	
						DIFF. 19	19	
1361933	HAMER ROBURKE RAG APPLE.....*							
11-01-58	1024453 4818416	18	NON-AI DAUS.-08	27	17,083 3.6 614			
AI STUD, 35-75	LISTED, 02-66	18	WITH HERD-MATES	27	17,083 3.6 614	12	15,995 573	
STATES- 35						DIFF. 1,088	41	
1362033	MAYTAG BURKGDV TY VIC.....*							
08-05-59	1038509 3761858	10	AI DAUGHTERS-05	12	14,662 3.6 527			
AI STUD, 41-25	LISTED, 02-66	10	WITH HERD-MATES	12	14,662 3.6 527	24	13,278 477	468 17
STATES- 42								
1362144*							
		6	NON-AI DAUS.-01	6	19,828 3.4 674			
STATES- 21		6	WITH HERD-MATES	6	19,828 3.4 674	9	16,165 590	
						DIFF. 3,663	84	
1362410	ARCHAMBAULT SOVEREIGN SYMBCL.....*							
07-20-59	1259074 4115732	6	NON-AI DAUS.-01	11	18,589 3.6 676			
AI STUD, 33-03	LISTED, 02-66	6	WITH HERD-MATES	11	18,589 3.6 676	11	17,615 638	
STATES- 32						DIFF. 974	38	
1362573*							
		8	NON-AI DAUS.-01	9	16,726 3.9 645			
STATES- 23		8	WITH HERD-MATES	9	16,726 3.9 645	24	16,053 586	
						DIFF. 673	59	
1362829*							
		5	NON-AI DAUS.-01	6	18,015 3.8 692			
STATES- 33		5	WITH HERD-MATES	6	18,015 3.8 692	8	15,720 608	
						DIFF. 2,295	84	

SIRE OF OHIA DAUGHTERS

HOLSTEIN			AV. PRODUCTION OF DAU.	AOJ. HERD-MATES AV.	PRED. DIFF.
			RECORDS MILK TEST FAT	AV. MILK FAT	MILK FAT
			NUMBER LB % LB	NUMBER LB LB	LB LB
1365619	5 NON-AI DAUS.-03	7 13,494 3.7 493			
STATES- 33	5 WITH HERO-MATES	7 13,494 3.7 493	16 15,820 595		
			OIFF. 2,326-	102-	
1365630	6 NON-AI DAUS.-02	8 13,633 3.8 515			
STATES- 23	6 WITH HERO-MATES	8 13,633 3.8 515	10 12,628 472		
			OIFF. 1,005	43	
1365730	5 NON-AI DAUS.-03	8 14,041 3.7 520			
STATES- 43	5 WITH HERO-MATES	8 14,041 3.7 520	9 13,723 510		
			OIFF. 318	10	
1365878 RIVER VALLEY T N PRIVATEER.....					
11-11-59 1264035 3089912 85 AI DAUGHTERS-25*		88 13,461 3.7 496			
AI STUO, 33-03 LISTEO, 02-66 84 WITH HERO-MATES		87 13,435 3.7 495	19 13,824 504	253-	5-
STATES- 11,12,14,21,22,23,31, 32,33,34,35,41,43,50,51,52,74					
1366010 EXRANCO EL PICAOR.....					
08-11-59 1032011 3876857 18 AI DAUGHTERS-01		20 15,371 3.9 592			
AI STUO, 93-03 LISTEO, 02-66 18 WITH HERO-MATES		20 15,371 3.9 592	194 15,053 554	245	22
STATES- 93					
1366011 EXRANCO EL TORO.....					
09-17-59 1032011 3816768 9 AI DAUGHTERS-01		9 16,550 4.1 676			
AI STUO, 93-03 LISTEO, 02-66 9 WITH HERO-MATES		9 16,550 4.1 676	219 14,668 548	633	42
STATES- 93					
1366152 WHITTIER FARMS STYLEMASTER.....					
04-18-59 1181068 3822538 24 NON-AI DAUS.-04		36 15,966 3.9 617			
AI STUO, 35-75 LISTEO, 02-66 24 WITH HERO-MATES		36 15,966 3.9 617	29 16,556 615		
STATES- 14			OIFF. 590-	2	
1366229 LOCKWAY SOVEREIGN LUCIFER LAD.....					
12-18-58 1165012 3330455 10 NON-AI DAUS.-01		12 16,415 4.1 676			
AI STUO, 35-02 LISTEO, 02-66 10 WITH HERO-MATES		12 16,415 4.1 676	95 15,033 578		
STATES- 23			OIFF. 1,382	98	
1366343	6 NON-AI DAUS.-01	6 14,065 3.6 502			
STATES- 21	6 WITH HERO-MATES	6 14,065 3.6 502	20 15,770 568		
			OIFF. 1,705-	66-	
1366487	5 NON-AI DAUS.-01	7 13,188 4.0 522			
STATES- 32	5 WITH HERO-MATES	7 13,188 4.0 522	10 12,631 469		
			OIFF. 557	53	
1366556	6 NON-AI DAUS.-02	9 13,978 4.0 553			
STATES- 21	6 WITH HERO-MATES	9 13,978 4.0 553	26 14,293 545		
			OIFF. 315-	8	
1366658	5 NON-AI DAUS.-01	5 13,204 3.6 469			
STATES- 55	5 WITH HERO-MATES	5 13,204 3.6 469	33 12,072 428		
			OIFF. 1,132	41	
1366892 RAG APPLE ELMCROFT JASPER.....					
07-11-55 010186376 010716221 154 AI DAUGHTERS-25*		219 12,635 3.7 463			
AI STUO, 61-01 LISTEO, 02-66 154 WITH HERO-MATES		218 12,628 3.7 462	20 13,090 472	406-	9-
STATES- 54,61,63					
1366940	5 NON-AI DAUS.-04	5 18,276 3.5 639			
STATES- 41	5 WITH HERO-MATES	5 18,276 3.5 639	10 14,982 537		
			OIFF. 3,294	102	
1366948	5 NON-AI DAUS.-03	8 14,536 4.3 625			
STATES- 23	5 WITH HERO-MATES	8 14,536 4.3 625	14 14,780 569		
			OIFF. 244-	56	
1367001	6 NON-AI DAUS.-01	6 13,520 3.5 471			
STATES- 57	6 WITH HERO-MATES	6 13,520 3.5 471	69 13,592 488		
			OIFF. 72-	17-	
1367027 MACSFARM ECHO DICK GENERAL.....					
07-13-59 1227400 3121956 16 AI DAUGHTERS-07		16 13,896 3.9 535			
AI STUO, 63-02 LISTEO, 02-66 16 WITH HERO-MATES		16 13,896 3.9 535	29 13,237 478	301	25
STATES- 63					
1367055 CARLINS HILLTOP FONO PRINCE.....					
11-30-59 1243697 3307440 63 AI DAUGHTERS-25*		73 13,189 3.6 481			
AI STUO, 48-01 LISTEO, 02-66 63 WITH HERO-MATES		73 13,189 3.6 481	22 13,233 486	20-	3-
STATES- 48,73					
1367061	9 NON-AI DAUS.-01	9 18,279 3.6 667			
STATES- 93	9 WITH HERO-MATES	9 18,279 3.6 667	46 18,451 668		
			OIFF. 172-	1-	
1367176	5 NON-AI DAUS.-01	6 15,000 3.4 514			
STATES- 33	5 WITH HERO-MATES	6 15,000 3.4 514	14 12,941 462		
			OIFF. 2,059	52	
1367262	6 NON-AI DAUS.-03	7 13,415 3.9 517			
STATES- 13	6 WITH HERO-MATES	7 13,415 3.9 517	15 13,688 530		
			OIFF. 273-	13-	

SIRE OF OHIA DAUGHTERS

HOLSTEIN			AV. PRODUCTION OF	DAU.	ADJ. HERO-MATES	AV.	PREO. OIFF.
			RECORDS	MILK	TEST	FAT	
			NUMBER	L8	%	L8	
1365824*						
STATES- 41	6 NON-AI DAUS.-01	6	9,102	3.8	342		
	6 WITH HERD-MATES	6	9,102	3.8	342	7 11,662 421	
						OIFF. 2,560-	79-
1365558	SHAW SCHCOLMASTER TIOY CRETE.....*						
11-20-55	1181068 3037363 161 AI DAUGHTERS-25*	186	14,250	3.9	557		
AI STUD, 16-04	LISTED, 02-66 161 WITH HERO-MATES	186	14,250	3.9	557	24 14,141 535	193 25
STATES- 12,13,14,15,16,21							
1370056*						
STATES- 23	5 NON-AI DAUS.-D1	7	15,204	3.5	535		
	5 WITH HERD-MATES	7	15,204	3.5	535	11 15,528 568	
						OIFF. 324-	33-
1370195*						
STATES- 41	9 NON-AI DAUS.-D3	9	13,208	4.0	525		
	9 WITH HERD-MATES	9	13,208	4.0	525	20 13,626 526	
						OIFF. 418-	1-
1370217*						
STATES- 48	6 NON-AI DAUS.-D1	8	14,634	3.5	518		
	6 WITH HERD-MATES	8	14,634	3.5	518	6 12,333 458	
						OIFF. 2,301	60
1370357*						
STATES- 87	5 NON-AI DAUS.-D2	6	15,988	3.7	591		
	5 WITH HERD-MATES	6	15,988	3.7	591	6 15,490 598	
						OIFF. 498	7-
1370360*						
STATES- 16	5 NON-AI DAUS.-D1	5	12,530	3.8	476		
	5 WITH HERD-MATES	5	12,530	3.8	476	48 13,842 535	
						OIFF. 1,312-	59-
1370465	ALBRECHT REX DE KOL.....*						
12-07-59	1297169 3614038 6 AI DAUGHTERS-D6	6	14,227	3.7	529		
AI STUD, 41-25	LISTED, 02-66 6 WITH HERD-MATES	6	14,227	3.7	529	11 14,728 544	77- 2-
STATES- 41							
	7 NON-AI DAUGHTERS	8	13,539	3.6	486		
	7 WITH HERD-MATES	8	13,539	3.6	486	13 14,139 515	
1370472*						
STATES- 33	8 NON-AI DAUS.-01	8	16,296	3.6	584		
	8 WITH HERD-MATES	8	16,296	3.6	584	9 14,830 556	
						OIFF. 1,466	28
1370614	HAYSEN DARK VICTORY.....*						
01-20-60	1309948 2673061 27 AI DAUGHTERS-14	31	14,949	3.6	532		
AI STUD, 35-05	LISTED, 02-66 27 WITH HERD-MATES	31	14,949	3.6	532	14 14,393 531	395 3
STATES- 35							
1370667*						
STATES- 48	6 NON-AI DAUS.-D3	6	16,370	3.3	541		
	6 WITH HERD-MATES	6	16,370	3.3	541	13 13,930 487	
						OIFF. 2,440	54
1370738*						
STATES- 23	5 NON-AI DAUS.-D1	6	13,543	3.7	504		
	5 WITH HERD-MATES	6	13,543	3.7	504	46 12,410 457	
						OIFF. 1,133	47
1370843*						
STATES- 21	5 NON-AI DAUS.-D1	5	14,760	3.6	524		
	5 WITH HERD-MATES	5	14,760	3.6	524	20 13,676 507	
						OIFF. 1,084	17
1370885*						
STATES- 45	8 NON-AI DAUS.-D1	8	12,010	4.0	477		
	8 WITH HERD-MATES	8	12,010	4.0	477	10 11,600 445	
						OIFF. 410	32
1370898*						
STATES- 91	6 NON-AI DAUS.-01	6	14,405	3.5	498		
	6 WITH HERD-MATES	6	14,405	3.5	498	62 13,507 476	
						OIFF. 898	22
1371115*						
STATES- 22,51	6 NON-AI DAUS.-D4	6	11,058	3.6	402		
	6 WITH HERD-MATES	6	11,058	3.6	402	18 12,857 463	
						OIFF. 1,799-	61-
1371146*						
STATES- 32	6 NON-AI DAUS.-01	8	13,849	4.0	559		
	6 WITH HERD-MATES	8	13,849	4.0	559	18 13,475 500	
						OIFF. 370	59
1371183	SIR BESS CRMSBY MOOEL.....*						
01-02-60	1267764 3705003 18 AI DAUGHTERS-12	18	15,565	3.5	548		
AI STUD, 35-05	LISTED, 02-66 18 WITH HERD-MATES	18	15,565	3.5	548	13 15,360 566	206 4-
STATES- 35							
1371392*						
STATES- 31	9 NON-AI DAUS.-D4	12	15,740	3.7	580		
	9 WITH HERD-MATES	12	15,740	3.7	580	12 12,928 479	
						OIFF. 2,812	101
1371548	MANCRYCO ROYAL PROMOTER.....*						
08-30-55	1169417 2822217 35 AI DAUGHTERS-21	35	14,092	3.7	518		
AI STUD, 31-01	LISTED, 02-66 35 WITH HERD-MATES	35	14,092	3.7	518	29 13,430 488	445 20
STATES- 31,33,42,84							
	6 NON-AI DAUGHTERS	10	13,766	3.9	537		
	6 WITH HERD-MATES	10	13,766	3.9	537	20 13,726 505	

SIRES OF DHIA DAUGHTERS

Sires of Data Daughters						Av. Production of Dau.				Adj. Herd-Mates Av.			Preo. Diff.		
HDLSTEIN	RECORDS	MILK	TEST	FAT		NUMBER	L8	%	L8	NUMBER	MILK	FAT	L8	MILK	FAT
1371561	*														
STATES- 21	6	NDN-AI DAUS.-01	6	12,158	4.2	507									
	6	WITH HERD-MATES	6	12,158	4.2	507				36	12,495	448			
										DIFF.	337-	59			
1371725	*														
STATES- 51	5	NDN-AI DAUS.-01	6	12,040	3.8	457									
	5	WITH HERD-MATES	6	12,040	3.8	457				21	12,762	501			
										DIFF.	722-	44-			
1371735	*														
STATES- 31	6	NON-AI DAUS.-01	6	13,993	3.4	479									
	6	WITH HERD-MATES	6	13,993	3.4	479				14	13,660	490			
										DIFF.	333	11-			
1371909	*														
STATES- 21	12	NON-AI DAUS.-01	12	16,471	4.1	683									
	12	WITH HERD-MATES	12	16,471	4.1	683				41	16,713	616			
										DIFF.	242-	67			
1371561 CLANYARD TY VIC HAL.....*															
D7-29-59 923749 2995445 27 AI DAUGHTERS-21	35		35	14,222	3.7	529								170	2
AI STUD, 33-01 LISTED, D2-66 27 WITH HERD-MATES	35		35	14,222	3.7	529				22	14,022	532			
STATES- 33															
1372018 BUTTER 8DY RDCKET ACE.....*															
02-11-60 1152252 4539307 13 AI DAUGHTERS-06	13		13	14,082	3.8	533									
AI STUO, 41-25 LISTED, D2-66 13 WITH HERD-MATES	13		13	14,082	3.8	533				13	15,728	569		542-	11-
STATES- 41															
1372020	*														
STATES- 23	7	NDN-AI O AUS.-01	9	11,248	3.6	404									
	7	WITH HERD-MATES	9	11,248	3.6	404				13	11,386	415			
										DIFF.	138-	11-			
1372023	*														
STATES- 16,23,58	10	NON-AI O AUS.-04	11	16,155	3.8	607									
	10	WITH HERO-MATES	11	16,155	3.8	607				37	16,241	606			
										DIFF.	86-	1			
1372172	*														
STATES- 23	5	NON-AI DAUS.-01	5	12,574	3.8	484									
	5	WITH HERD-MATES	5	12,574	3.8	484				16	13,560	517			
										DIFF.	986-	33-			
1372254	*														
STATES- 32,33	5	NON-AI DAUS.-04	6	13,796	3.7	508									
	5	WITH HERD-MATES	6	13,796	3.7	508				12	14,575	546			
										DIFF.	779-	38-			
1372548	*														
STATES- 51,54	6	NON-AI O AUS.-03	6	9,992	3.9	388									
	6	WITH HERD-MATES	6	9,992	3.9	388				17	9,842	361			
										OIFF.	150	27			
1372550	*														
STATES- 93	9	NON-AI DAUS.-02	9	18,224	3.7	668									
	9	WITH HERD-MATES	9	18,224	3.7	668				21	15,216	549			
										OIFF.	3,008	119			
1372608 SKOKIE DESIGN MISTER JOY.....*															
01-01-60 1298378 4486804 18 NON-AI DAUS.-04	22		22	15,850	3.8	608									
AI STUD, 35-75 LISTED, D2-66 18 WITH HERO-MATES	22		22	15,850	3.8	608				11	14,366	529			
STATES- 32,35										DIFF.	1,484	79			
1372846	*														
STATES- 51	8	NON-AI DAUS.-02	8	16,491	3.8	631									
	8	WITH HERD-MATES	8	16,491	3.8	631				27	13,309	512			
										OIFF.	3,182	119			
1372873 INGLIS IMPERIAL INVESTCR.....*															
09-08-59 956081 3932781 37 AI DAUGHTERS-25*	47		47	14,439	3.5	501									
AI STUD, 21-01 LISTED, D2-66 37 WITH HERD-MATES	47		47	14,439	3.5	501				24	14,445	522		86	10-
STATES- 13,21															
1372874 BILL BURKGOV OEAN.....*															
12-23-59 1038509 3244405 51 AI DAUGHTERS-25*	52		52	16,136	3.4	550									
AI STUD, 21-01 LISTED, D2-66 51 WITH HERD-MATES	52		52	16,136	3.4	550				26	15,335	551		739	4
STATES- 13,21,23,31															
1372948 ANAMOSA STAR JERRY.....*															
01-13-60 1185854 4338127 11 AI DAUGHTERS-06	11		11	14,424	3.4	490									
AI STUD, 42-08 LISTED, D2-66 11 WITH HERD-MATES	11		11	14,424	3.4	490				28	13,775	484		255	2
STATES- 42															
1373012 HILLTOP EXPLDRER CLIMAX.....*															
03-12-60 1338191 4282302 45 AI DAUGHTERS-25*	45		45	14,261	3.7	533									
AI STUD, 34-01 LISTED, D2-66 45 WITH HERD-MATES	45		45	14,261	3.7	533				22	13,983	508		256	19
STATES- 11,32,34															
1373041	*														
STATES- 42	5	NON-AI DAUS.-01	5	13,170	3.9	511									
	5	WITH HERD-MATES	5	13,170	3.9	511				11	13,640	523			
										OIFF.	470-	12-			
1373055 HAROEN FARMS NOEL STANDARD.....*															
10-20-59 1315498 2967416 49 AI DAUGHTERS-18	77		77	15,450	3.6	552									
AI STUD, 35-05 LISTED, D2-66 49 WITH HERO-MATES	77		77	15,450	3.6	552				13	14,121	518		1,019	27
STATES- 35															
1373077 IMHI COLA.....*															
06-30-55 1141527 4196654 7 AI DAUGHTERS-03	7		7	16,710	3.6	608									
AI STUD, 42-08 LISTED, D2-66 7 WITH FERD-MATES	7		7	16,710	3.6	608				36	13,593	488		821	31
STATES- 42															

SIRE OF DHIA DAUGHTERS

HDLSTEIN			AV. RECORDS	PRODUCTION OF MILK LB	TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PRED. MILK LB	DIFF. FAT LB
1380636	.....	5 NON-AI DAUS.-01	5	11,180	3.5	393					
STATES- 74		5 WITH HERD-MATES	5	11,180	3.5	393	28	12,594	455		62-
							DIFF.	1,414-			
1380639	.....*	5 NON-AI DAUS.-04	5	15,514	4.0	617					
STATES- 32,33,57		5 WITH HERD-MATES	5	15,514	4.0	617	25	14,100	525		92
							DIFF.	1,414			
1380924	.....*	5 NON-AI DAUS.-02	5	19,732	4.0	784					
STATES- 41		5 WITH HERD-MATES	5	19,732	4.0	784	10	16,152	627		157
							DIFF.	3,580			
1380930	.....*	6 NON-AI DAUS.-02	6	15,315	3.6	553					
STATES- 33		6 WITH HERD-MATES	6	15,315	3.6	553	16	14,578	544		9
							DIFF.	737			
1380945 LILAC HILL ROYAL MASTER.....*											
12-20-59 1305460 2711356 249 AI DAUGHTERS-25*			260	13,890	3.7	519					
AI STUD, 33-03 LISTED, 02-66 249 WITH HERD-MATES			260	13,890	3.7	519	22	14,426	529	369-	5-
STATES- 12,13,16,21,22,23,31, 32,33,34,35,41,42,47,48,51,54, 63,73,82,87,93											
1380967	.....	9 NON-AI DAUS.-01	9	15,317	3.8	584					
STATES- 48		9 WITH HERD-MATES	9	15,317	3.8	584	3	14,128	515		69
							DIFF.	1,189			
1381020	.....*	5 NON-AI DAUS.-01	5	18,788	3.1	575					
STATES- 48		5 WITH HERD-MATES	5	18,788	3.1	575	17	16,792	579		4-
							DIFF.	1,996			
1381027 IDEAL FURY REFLECTOR.....*											
04-23-59 1298430 3872209 20 NON-AI DAUS.-03			30	19,139	3.6	682					
AI STUD, 31-02 LISTED, 02-66 20 WITH HERD-MATES			30	19,139	3.6	682	14	17,225	585		97
STATES- 48							DIFF.	1,914			
1381070	.....	6 NON-AI DAUS.-01	6	11,915	3.6	429					
STATES- 35		6 WITH HERD-MATES	6	11,915	3.6	429	21	11,433	414		15
							DIFF.	482			
1381105 TIDY BURKE RARE ONE.....											
02-10-60 1329249 3348182 40 AI DAUGHTERS-25*			43	12,726	3.5	447					
AI STUD, 41-01 LISTED, 02-66 40 WITH HERD-MATES			43	12,726	3.5	447	18	13,528	492	503-	29-
STATES- 35,41,45,46											
1381130	.....*	6 NON-AI DAUS.-01	6	14,283	3.5	499					
STATES- 31		6 WITH HERD-MATES	6	14,283	3.5	499	24	14,740	530		31-
							DIFF.	457-			
1381313	.....*	5 NON-AI DAUS.-01	5	14,696	3.7	543					
STATES- 35		5 WITH HERD-MATES	5	14,696	3.7	543	20	14,966	531		12
							DIFF.	270-			
1381327	.....*	7 NON-AI DAUS.-01	7	12,986	3.5	454					
STATES- 31		7 WITH HERD-MATES	7	12,986	3.5	454	7	13,403	489		35-
							DIFF.	417-			
1381340	.....*	5 NON-AI DAUS.-01	5	13,024	3.8	491					
STATES- 41		5 WITH HERD-MATES	5	13,024	3.8	491	9	13,148	509		18-
							DIFF.	124-			
1381405	.....*	5 NON-AI DAUS.-02	5	14,654	4.1	596					
STATES- 35		5 WITH HERD-MATES	5	14,654	4.1	596	18	13,378	529		67
							DIFF.	1,276			
1381458	.....*	8 NON-AI DAUS.-02	8	17,981	3.6	645					
STATES- 21		8 WITH HERD-MATES	8	17,981	3.6	645	52	16,429	605		40
							DIFF.	1,552			
1381512	.....*	5 NON-AI DAUS.-02	5	11,956	3.7	441					
STATES- 61,72		5 WITH HERD-MATES	5	11,956	3.7	441	13	12,644	444		3-
							DIFF.	688-			
1381584	.....	5 NON-AI DAUS.-01	6	12,119	3.9	478					
STATES- 35		5 WITH HERD-MATES	6	12,119	3.9	478	23	12,730	462		16
							DIFF.	611-			
1382145	.....*	5 NON-AI DAUS.-04	5	15,412	3.3	509					
STATES- 34		5 WITH HERD-MATES	5	15,412	3.3	509	24	14,118	490		19
							DIFF.	1,294			
1382176 ROMANDALE MAPLE BARON.....*											
09-06-59 010218036 011345597 27 NON-AI DAUS.-19			30	15,332	3.6	552					
AI STUD, 34-01 LISTED, 02-66 27 WITH HERD-MATES			30	15,332	3.6	552	18	14,828	540		12
STATES- 32,34,42,43,73,84,92							DIFF.	504			
1382249	.....*	10 NON-AI DAUS.-01	10	12,814	3.7	472					
STATES- 51		10 WITH HERD-MATES	10	12,814	3.7	472	22	13,712	500		28-
							DIFF.	898-			

SIRES OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF				DAU.			ADJ. HERD-MATES			PRED. DIFF.	
	RECORDS	MILK	TEST	FAT	NUMBER	LBS	%	NUMBER	MILK	FAT	MILK	FAT
1382384												
STATES- 21	7	12,869	4.0	516	7	12,869	4.0	24	13,440	511		
	7	12,869	4.0	516				DIFF.	571-	5		
13826f2 WIPLEDALE GOLDEN MISTER.....*												
10-28-59 1170426 3664457 66 AI DAUGHTERS-25*	68	13,655	3.7	500	68	13,655	3.7	26	14,363	519	443-	12-
AI STUD, 52-01 LISTED, 02-66 66 WITH HERD-MATES	68	13,655	3.7	500								
STATES- 16,52,55												
1382692												
STATES- 14,16	5	12,098	4.0	486	5	12,098	4.0	26	14,140	519		
	5	12,098	4.0	486				DIFF.	2,042-	33-		
1382775												
STATES- 21	5	12,134	3.6	436	5	12,134	3.6	21	14,702	544		
	5	12,134	3.6	436				DIFF.	2,568-	108-		
1382819												
STATES- 43	5	11,872	3.7	435	5	11,872	3.7	39	13,718	481		
	5	11,872	3.7	435				DIFF.	1,846-	46-		
1382828												
STATES- 51	8	15,251	3.9	590	8	15,251	3.9	21	15,748	602		
	8	15,251	3.9	590				DIFF.	497-	12-		
1382866												
STATES- 84	5	15,233	3.4	524	6	15,233	3.4	20	13,752	474		
	5	15,233	3.4	524				DIFF.	1,481	50		
1382940 GLENAFTON RAG APPLE PRIORITY.....*												
11-29-59 010239301 010930947 18 AI DAUGHTERS-16	18	15,254	3.6	551	18	15,254	3.6	17	14,343	524	491	15
AI STUD, 35-04 LISTED, 02-66 18 WITH HERD-MATES	18	15,254	3.6	551								
STATES- 35,41,42,46												
1382958 STEWARTHAVEN REFLECTION SCV.....*												
04-24-56 010198998 010552715 59 NON-AI DAUS.-07	68	15,109	3.7	552	68	15,109	3.7	60	15,067	563		
AI STUD, 93-10 LISTED, 02-66 59 WITH HERD-MATES	68	15,109	3.7	552				DIFF.	42	11-		
STATES- 52,93												
1383004 PINEYHILL MAJORITY.....*												
11-26-59 1295523 4507238 22 NON-AI DAUS.-03	25	17,222	4.0	691	25	17,222	4.0	14	16,228	602		
AI STUD, 35-05 LISTED, 02-66 22 WITH HERD-MATES	25	17,222	4.0	691				DIFF.	994	89		
STATES- 35,41												
1383311 ELLBANK ADMIRAL BURKE IDEAL.....*												
07-22-59 1013415 3472936 22 NON-AI DAUS.-11	24	15,845	3.5	559	24	15,845	3.5	21	14,316	510		
AI STUD, 33-03 LISTED, 02-66 22 WITH HERD-MATES	24	15,845	3.5	559				DIFF.	1,529	49		
STATES- 12,14,16,21												
1383374												
STATES- 21	5	12,870	3.8	488	5	12,870	3.8	16	14,720	536		
	5	12,870	3.8	488				DIFF.	1,850-	48-		
1383468 SHEFFIELD CLIMAX IMPERIAL.....*												
04-20-60 010260076 011181389 42 AI DAUGHTERS-25*	43	14,827	3.6	529	43	14,827	3.6	16	14,273	524	457	7
AI STUD, 34-01 LISTED, 02-66 42 WITH HERD-MATES	43	14,827	3.6	529								
STATES- 32,34												
1383551 ROWSDALE REFLECTION ROYAL.....*												
08-24-59 1305460 010918915 400 AI DAUGHTERS-25*	466	14,962	3.6	545	465	14,970	3.6	17	14,712	539	403	11
AI STUD, 35-03 LISTED, 02-66 399 WITH HERD-MATES	465	14,970	3.6	545								
STATES- 23,31,32,33,35,41,42, 57,61,65,74												
1383626 SKY ROCKET BURKE.....*												
03-27-59 1291724 4245050 10 NON-AI DAUS.-08	12	12,292	3.6	440	12	12,292	3.6	14	12,840	463		
AI STUD, 41-01 LISTED, 02-66 10 WITH HERD-MATES	12	12,292	3.6	440				DIFF.	548-	23-		
STATES- 41												
1383926 PAWNEE FARM REFLECTION ADMIRAL.....*												
02-16-60 1322381 3922839 7 NON-AI DAUS.-06	8	14,708	4.0	590	8	14,708	4.0	20	13,839	512		
AI STUD, 35-02 LISTED, 02-66 7 WITH HERD-MATES	8	14,708	4.0	590				DIFF.	869	78		
STATES- 35,47,84												
1384280												
STATES- 21	5	14,534	3.7	531	5	14,534	3.7	23	13,674	467		
	5	14,534	3.7	531				DIFF.	860	64		
1384362												
STATES- 13	6	13,958	3.7	511	6	13,958	3.7	24	14,755	557		
	6	13,958	3.7	511				DIFF.	797-	46-		
1384377												
STATES- 21	6	14,338	3.5	507	6	14,338	3.5	14	14,070	513		
	6	14,338	3.5	507				DIFF.	268	6-		
1384438												
STATES- 42	8	12,778	3.5	444	8	12,778	3.5	12	12,850	478		
	8	12,778	3.5	444				DIFF.	72-	34-		
1384455												
STATES- 51	6	11,917	4.0	477	6	11,917	4.0	18	12,407	481		
	6	11,917	4.0	477				DIFF.	490-	4-		

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREO. DIFF.	
HOLSTEIN				RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1384491			NON-AI DAUS.-01*									
STATES- 41	6	6	WITH HERD-MATES	6	14,385	3.7	532					
				6	14,385	3.7	532	17	13,932	501		
								DIFF.	453	31		
1384506 ROTHMAN MISTER DEAN.....*												
11-06-59 929962 3005512 35 AI DAUGHTERS-25*				41	14,888	3.6	540					
AI STUD, 21-01 LISTED, 02-66 35 WITH HERD-MATES				41	14,888	3.6	540	27	14,850	537	138	6
STATES- 21												
1384521			NON-AI DAUS.-01*									
STATES- 42	5	5	WITH HERD-MATES	5	16,204	3.3	531					
				5	16,204	3.3	531	15	15,478	540		
								DIFF.	726	9-		
1384547			NON-AI DAUS.-01*									
STATES- 86	6	6	WITH HERD-MATES	6	14,427	3.6	513					
				6	14,427	3.6	513	68	14,578	532		
								DIFF.	151-	19-		
1384588			NON-AI DAUS.-03*									
STATES- 21	5	5	WITH HERD-MATES	5	16,236	3.4	559					
				5	16,236	3.4	559	44	17,582	611		
								DIFF.	1,346-	52-		
1384589			NON-AI DAUS.-01									
STATES- 34	6	6	WITH HERD-MATES	6	15,617	3.5	553					
				6	15,617	3.5	553	14	15,135	520		
								DIFF.	482	33		
1384606			NON-AI DAUS.-05*									
STATES- 15,16,21	9	9	WITH HERD-MATES	9	16,043	3.5	558					
				9	16,043	3.5	558	14	16,048	586		
								DIFF.	5-	28-		
1384610			NON-AI DAUS.-01*									
STATES- 35	5	5	WITH HERD-MATES	5	16,624	3.6	604					
				5	16,624	3.6	604	13	17,102	605		
								DIFF.	478-	1-		
1384617			NON-AI DAUS.-02									
STATES- 42	5	5	WITH HERD-MATES	5	13,706	3.5	477					
				5	13,706	3.5	477	9	13,712	491		
								DIFF.	6-	14-		
1384673			NON-AI DAUS.-01*									
STATES- 93	6	6	WITH HERD-MATES	6	15,427	3.5	545					
				6	15,427	3.5	545	63	15,363	529		
								DIFF.	64	16		
1384702			NON-AI DAUS.-03*									
STATES- 23	5	5	WITH HERD-MATES	5	14,092	3.5	494					
				5	14,092	3.5	494	20	13,618	495		
								DIFF.	474	1-		
1384725			NON-AI DAUS.-01*									
STATES- 35	5	5	WITH HERD-MATES	5	13,412	3.7	500					
				5	13,412	3.7	500	10	14,262	503		
								DIFF.	850-	3-		
1384901			NON-AI DAUS.-02*									
STATES- 47,48	6	6	WITH HERD-MATES	6	15,180	3.5	527					
				6	15,180	3.5	527	8	12,473	438		
								DIFF.	2,707	89		
1385036 GREEN PASTURES R A MAPLE.....*												
06-03-60 010218036 2790993 101 AI DAUGHTERS-25*				101	15,743	3.6	563					
AI STUD, 33-01 LISTED, 02-66 101 WITH HERD-MATES				101	15,743	3.6	563	17	14,630	542	1,059	23
STATES- 33,35,55												
1385058			NON-AI DAUS.-01*									
STATES- 35	6	6	WITH HERD-MATES	6	17,023	3.5	591					
				6	17,023	3.5	591	15	16,402	588		
								DIFF.	621	3		
1385362			NON-AI DAUS.-01									
STATES- 48	6	6	WITH HERD-MATES	6	12,787	3.7	476					
				6	12,787	3.7	476	10	11,130	400		
								DIFF.	1,657	76		
1385384			NON-AI DAUS.-07*									
STATES- 23,51	10	10	WITH HERD-MATES	10	11,967	3.8	451					
				10	11,967	3.8	451	12	12,223	449		
								DIFF.	256-	2		
1385420			NON-AI DAUS.-01*									
STATES- 21	5	5	WITH HERD-MATES	5	13,556	3.9	527					
				5	13,556	3.9	527	29	14,576	552		
								DIFF.	1,020-	25-		
1385657 SPRUCEGATE BUEND BURKE TRIUNE.....*												
04-15-60 1038509 3909669 58 AI DAUGHTERS-25*				60	14,517	3.5	515					
AI STUD, 21-01 LISTED, 02-66 58 WITH HERD-MATES				60	14,517	3.5	515	27	14,964	541	191-	15-
STATES- 13,21												
1385681			NON-AI DAUS.-01*									
STATES- 33	5	5	WITH HERD-MATES	5	17,064	3.6	612					
				5	17,064	3.6	612	17	15,902	582		
								DIFF.	1,162	30		
1385709			NON-AI DAUS.-01*									
STATES- 31	10	10	WITH HERD-MATES	10	14,926	3.8	567					
				10	14,926	3.8	567	29	14,696	541		
								DIFF.	230	26		

SIRE OF OHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF OAU.				AOJ. HERD-MATES AV.			PREC. OIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1385711									
STATES- 35	6	NON-AI OAU.-01	6	18,448	3.3	607			
	6	WITH HERD-MATES	6	18,448	3.3	607	40	17,047	607
							OIFF.	1,401	
1385791									
STATES- 33	6	NON-AI OAU.-02	6	13,513	3.8	512			
	6	WITH HERD-MATES	6	13,513	3.8	512	14	12,932	464
							OIFF.	581	48
1385817									
STATES- 23	5	NON-AI OAU.-02	5	16,328	3.5	565			
	5	WITH HERD-MATES	5	16,328	3.5	565	9	15,904	570
							OIFF.	424	5-
1385864									
STATES- 23,51	6	NON-AI OAU.-02	6	14,907	3.6	533			
	6	WITH HERD-MATES	6	14,907	3.6	533	33	15,033	548
							OIFF.	126-	15-
1385993 INGLIS SENTRY.....									
05-18-60 1085978 4071579 50 AI DAUGHTERS-25*	51	14,641	3.8	557					
AI STUO, 21-01 LISTED, 02-66 50 WITH HERD-MATES	51	14,641	3.8	557	23	14,799	539	11	17
STATES- 13,21,23									
1386036 ALBRECHT DISTINCTION MONARCH.....									
07-26-59 1291724 4364234 40 AI DAUGHTERS-25*	40	14,455	3.6	514					
AI STUO, 41-01 LISTED, 02-66 40 WITH HERD-MATES	40	14,455	3.6	514	19	13,734	488	525	18
STATES- 41,46									
	6	NON-AI DAUGHTERS	7	13,724	3.8	517			
	6	WITH HERD-MATES	7	13,724	3.8	517	9	11,948	413
1386104 WOODSIDE FARM SEELEY BUTLER.....									
04-16-60 1038509 3488083 41 AI DAUGHTERS-25*	41	14,089	3.5	492					
AI STUO, 21-01 LISTED, 02-66 41 WITH HERD-MATES	41	14,089	3.5	492	23	14,957	537	456-	26-
STATES- 13,21									
1386291									
AI STUO, 55-01	6	AI DAUGHTERS-06	6	16,625	4.0	671			
STATES- 55	6	WITH HERD-MATES	6	16,625	4.0	671	45	17,362	645
								71-	10
1386302									
STATES- 82,87	5	NON-AI OAU.-02	8	12,899	3.7	480			
	5	WITH HERD-MATES	8	12,899	3.7	480	13	14,185	508
							OIFF.	1,286-	28-
1386341									
STATES- 41	6	NON-AI OAU.-01	6	13,772	3.6	499			
	6	WITH HERD-MATES	6	13,772	3.6	499	12	13,625	490
							OIFF.	147	9
1386406 OEE ANN HERITAGE.....									
10-20-59 010218036 4679674 121 AI DAUGHTERS-25*	128	15,401	3.7	571					
AI STUO, 35-C4 LISTED, 02-66 121 WITH HERD-MATES	128	15,401	3.7	571	17	14,339	522	1,021	46
STATES- 21,23,33,34,35,41,42, 64,85									
	10	NON-AI DAUGHTERS	16	14,464	3.7	542			
	9	WITH HERD-MATES	15	14,424	3.8	543	19	14,678	548
1386525									
STATES- 35	12	NON-AI OAU.-01	12	15,008	3.7	549			
	12	WITH HERD-MATES	12	15,008	3.7	549	13	15,334	578
							OIFF.	326-	29-
1386654									
AI STUO, 31-02	6	AI DAUGHTERS-04	6	13,473	3.7	496			
STATES- 31,56	6	WITH HERD-MATES	6	13,473	3.7	496	31	15,790	583
								470-	17-
1386774									
STATES- 51	5	NON-AI OAU.-01	5	17,962	3.5	635			
	5	WITH HERD-MATES	5	17,962	3.5	635	19	15,778	607
							OIFF.	2,184	28
1386777									
STATES- 51	6	NON-AI OAU.-02	6	17,255	3.6	616			
	6	WITH HERD-MATES	6	17,255	3.6	616	24	15,855	606
							OIFF.	1,400	10
1386842									
STATES- 35	10	NON-AI OAU.-02	10	15,211	3.5	530			
	10	WITH HERD-MATES	10	15,211	3.5	530	14	13,871	506
							OIFF.	1,340	24
1386858									
AI STUO, 33-01	7	AI DAUGHTERS-07	7	14,463	3.7	528			
STATES- 33	7	WITH HERD-MATES	7	14,463	3.7	528	18	14,250	534
								86	0
1386859 CLANYARD RAG APPLE TRI-VIC.....									
09-19-60 1182696 3756059 13 AI DAUGHTERS-12	13	15,050	3.7	557					
AI STUO, 33-01 LISTED, 02-66 13 WITH HERD-MATES	13	15,050	3.7	557	22	14,126	532	405	12
STATES- 33									
1386934									
STATES- 35	5	NON-AI OAU.-01	5	16,196	3.5	561			
	5	WITH HERD-MATES	5	16,196	3.5	561	12	14,138	498
							OIFF.	2,058	63
1386952									
STATES- 51	5	NON-AI OAU.-02	6	13,511	3.8	511			
	5	WITH HERD-MATES	6	13,511	3.8	511	21	13,441	506
							OIFF.	70	5

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF DAU.				AOJ. HERO-MATES AV.			PRED. OIFF.	
HOLSTEIN				RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	AV. MILK LB	FAT LB	MILK LB	FAT LB
1387097												
STATES- 43	5	NON-AI O AUS.-01		5	13,772	3.5	488					
	5	WITH HERO-MATES		5	13,772	3.5	488	14	14,512	518		
								DIFF.	740-	30-		
1387138 VINEDALE GAIETY.....*												
12-16-55 010212300 010929296	230	AI O AUGTERS-25*		278	12,282	3.8	463					
AI STU0, 23-11 LISTEO, 02-66	230	WITH HERO-MATES		278	12,282	3.8	463	31	14,276	536	1,722-	62-
STATES- 22,51,61												
1387139 BECKHAVEN R A MAGICIAN.....												
11-08-58 1138451 010819150	243	AI O AUGTERS-25*		271	13,174	3.7	481					
AI STU0, 23-11 LISTEO, 02-66	243	WITH HERO-MATES		271	13,174	3.7	481	34	14,206	531	846-	42-
STATES- 13,21,22												
	5	NON-AI O AUGTERS		6	13,091	4.0	529					
	5	WITH HERO-MATES		6	13,091	4.0	529	29	12,991	497		
1387182												
STATES- 51	5	NON-AI O AUS.-02		5	12,320	3.6	440					
	5	WITH HERO-MATES		5	12,320	3.6	440	29	13,022	471		
								OIFF.	702-	31-		
1387205												
STATES- 21,47,58	5	NON-AI O AUS.-04		5	12,648	3.6	461					
	5	WITH HERO-MATES		5	12,648	3.6	461	43	11,986	427		
								OIFF.	662	34		
1387400												
STATES- 12	5	NON-AI O AUS.-01		5	13,162	3.6	468					
	5	WITH HERO-MATES		5	13,162	3.6	468	28	12,736	463		
								OIFF.	426	5		
1387438												
STATES- 11	6	NON-AI O AUS.-01		6	14,928	3.8	572					
	6	WITH HERO-MATES		6	14,928	3.8	572	34	14,868	571		
								OIFF.	60	1		
1387465												
STATES- 42	6	NON-AI O AUS.-02		6	13,432	3.5	466					
	6	WITH HERO-MATES		6	13,432	3.5	466	10	12,825	459		
								DIFF.	607	7		
1387484												
STATES- 51	11	NON-AI O AUS.-03		11	14,099	3.8	541					
	11	WITH HERO-MATES		11	14,099	3.8	541	8	14,286	553		
								OIFF.	187-	12-		
1387506												
STATES- 12	8	NON-AI O AUS.-01		8	15,580	4.1	636					
	8	WITH HERO-MATES		8	15,580	4.1	636	18	17,623	732		
								OIFF.	2,043-	96-		
1387725												
STATES- 34	8	NON-AI O AUS.-01		8	15,064	3.6	543					
	8	WITH HERO-MATES		8	15,064	3.6	543	35	13,625	492		
								OIFF.	1,439	51		
1387874												
STATES- 14	6	NON-AI O AUS.-01		6	14,003	3.9	543					
	6	WITH HERO-MATES		6	14,003	3.9	543	37	12,987	502		
								OIFF.	1,016	41		
1387891												
STATES- 16	6	NON-AI O AUS.-01		6	17,432	3.7	638					
	6	WITH HERO-MATES		6	17,432	3.7	638	18	16,508	602		
								OIFF.	924	36		
1387977												
STATES- 34	5	NON-AI O AUS.-03		5	16,812	3.7	622					
	5	WITH HERO-MATES		5	16,812	3.7	622	10	16,920	629		
								OIFF.	108-	7-		
1388039												
STATES- 48	6	NON-AI O AUS.-01		6	16,423	3.7	609					
	6	WITH HERO-MATES		6	16,423	3.7	609	13	13,317	501		
								OIFF.	3,106	108		
1388060												
STATES- 93	5	NON-AI O AUS.-01		5	18,396	3.7	678					
	5	WITH HERO-MATES		5	18,396	3.7	678	18	17,382	647		
								OIFF.	1,014	31		
1388332												
STATES- 21	6	NON-AI O AUS.-02		6	13,563	3.8	512					
	6	WITH HERO-MATES		6	13,563	3.8	512	27	15,488	569		
								OIFF.	1,925-	57-		
1388553												
STATES- 35	7	NON-AI O AUS.-01		9	12,729	4.0	504					
	7	WITH HERO-MATES		9	12,729	4.0	504	45	13,201	513		
								OIFF.	472-	9-		
1388577 BAILANO BURKE HEILO 80Y.....												
07-30-60 1090981 3365081	11	AI O AUGTERS-09		11	14,801	3.4	503					
AI STU0, 91-13 LISTEO, 02-66	11	WITH HERO-MATES		11	14,801	3.4	503	12	15,030	556	11-	16-
STATES- 82,91												
1388663												
STATES- 23	11	NON-AI O AUS.-02		11	17,676	3.5	613					
	11	WITH HERO-MATES		11	17,676	3.5	613	15	15,577	582		
								OIFF.	2,099	31		

SIRE OF OHIA DAUGHTERS

HOLSTEIN			AV. PRODUCTION OF	DAU.	ADJ. HERD-MATES	AV.	PREO. DIFF.
			RECORDS	FAT	AV.	FAT	MILK FAT
	NUMBER	LB	TEST	LB	NUMBER	LB	LB
1389889							
STATES- 21	5	NON-AI O AUS.-01	5	14,284	3.5	494	
	5	WITH HERD-MATES	5	14,284	3.5	494	
					19	15,100	544
					DIFF.	816-	50-
1390042							
STATES- 14	8	NON-AI O AUS.-04	8	14,130	3.7	527	
	8	WITH HERD-MATES	8	14,130	3.7	527	
					29	13,461	497
					DIFF.	669	30
1390131 ROLLING KNOLL MAT SUPREME.....*							
08-29-60 1216873 3515146	25	AI DAUGHTERS-24	25	14,691	3.8	559	
AI STUO, 23-11 LISTED, 02-66	25	WITH HERD-MATES	25	14,691	3.8	559	
STATES- 23					17	14,389	532
							241 18
1390132							
STATES- 34,51	6	NON-AI O AUS.-02	6	13,367	4.0	529	
	6	WITH HERD-MATES	6	13,367	4.0	529	
					80	14,167	538
					DIFF.	800-	9-
1390206							
STATES- 61	5	NON-AI O AUS.-01	5	15,852	3.2	510	
	5	WITH HERD-MATES	5	15,852	3.2	510	
					23	14,794	469
					DIFF.	1,058	41
1390249 CARNATION ROYAL NOBEL.....*							
09-26-60 1305460 3942039	24	AI DAUGHTERS-16	24	14,856	3.5	522	
AI STUO, 35-05 LISTED, 02-66	24	WITH HERD-MATES	24	14,856	3.5	522	
STATES- 33,35					20	14,533	529
							256 1-
1390253							
STATES- 21	16	NON-AI O AUS.-04	16	17,574	3.6	628	
	16	WITH HERD-MATES	16	17,574	3.6	628	
					17	17,378	631
					DIFF.	196	3-
1390322							
STATES- 35	6	NON-AI O AUS.-01	6	13,777	3.5	477	
	6	WITH HERD-MATES	6	13,777	3.5	477	
					18	15,277	532
					DIFF.	1,500-	55-
1390554							
STATES- 23	6	NON-AI O AUS.-01	6	15,073	3.4	507	
	6	WITH HERD-MATES	6	15,073	3.4	507	
					44	12,772	460
					DIFF.	2,301	47
1390565							
STATES- 32	6	NON-AI O AUS.-01	6	13,253	3.8	505	
	6	WITH HERD-MATES	6	13,253	3.8	505	
					12	13,373	553
					DIFF.	120-	48-
1390590							
STATES- 48	5	NON-AI O AUS.-01	5	13,646	3.7	502	
	5	WITH HERD-MATES	5	13,646	3.7	502	
					14	12,366	476
					DIFF.	1,280	26
1390723							
STATES- 41	5	NON-AI O AUS.-02	5	13,788	3.7	514	
	5	WITH HERD-MATES	5	13,788	3.7	514	
					21	13,996	503
					DIFF.	208-	11
1390734							
STATES- 14,16	5	NON-AI O AUS.-02	5	16,234	4.2	687	
	5	WITH HERD-MATES	5	16,234	4.2	687	
					41	16,642	647
					DIFF.	408-	40
1390856							
STATES- 21	7	NON-AI O AUS.-02	7	9,357	3.4	317	
	7	WITH HERD-MATES	7	9,357	3.4	317	
					25	10,066	338
					DIFF.	709-	21-
1390939							
STATES- 23	5	NON-AI O AUS.-01	5	14,648	3.8	555	
	5	WITH HERD-MATES	5	14,648	3.8	555	
					12	13,270	503
					DIFF.	1,378	52
1391016							
STATES- 31	5	NON-AI O AUS.-02	5	15,522	3.6	560	
	5	WITH HERD-MATES	5	15,522	3.6	560	
					15	16,050	576
					DIFF.	528-	16-
1391091							
STATES- 35	5	NON-AI O AUS.-01	5	13,246	3.3	434	
	5	WITH HERD-MATES	5	13,246	3.3	434	
					19	13,754	487
					DIFF.	508-	53-
1391173 CORLAN FARMS IVANHOE DEACON.....*							
10-26-60 1189870 2939718	47	AI DAUGHTERS-25*	47	14,888	3.5	515	
AI STUO, 48-01 LISTED, 02-66	47	WITH HERD-MATES	47	14,888	3.5	515	
STATES- 48					25	13,575	493
							957 17
1391390							
STATES- 23	5	NON-AI O AUS.-01	5	15,852	3.8	600	
	5	WITH HERD-MATES	5	15,852	3.8	600	
					9	15,892	602
					DIFF.	40-	2-
1391414							
STATES- 41	6	NON-AI O AUS.-02	6	13,758	3.8	518	
	6	WITH HERD-MATES	6	13,758	3.8	518	
					10	14,250	536
					DIFF.	492-	18-
1391420							
STATES- 21,22,23	9	NON-AI O AUS.-04	9	14,920	3.6	538	
	9	WITH HERD-MATES	9	14,920	3.6	538	
					21	15,123	531
					DIFF.	203-	7

SIRE OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF				AOJ. HERD-MATES			PREC. DIFF.	
	RECORDS	MILK	TEST	DAU.	AV.	MILK	AV.	MILK	FAT
	NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
1391448 GARWOOD DEAN RAG APPLE.....*									
10-C6-60 1099477 3437570 69 AI DAUGHTERS-25*	69	13,946	3.8	533					
AI STUD, 23-11 LISTED, 02-66 69 WITH HERD-MATES	69	13,946	3.8	533	17	14,546	541	350-	2-
STATES- 23									
1391476*									
5 AI DAUGHTERS-03	5	13,114	3.7	491					
AI STUD, 35-D5 5 WITH HERO-MATES	5	13,114	3.7	491	8	14,212	527	197-	6-
STATES- 35									
1391565*									
6 NON-AI DAUS.-02	6	14,480	3.5	505					
STATES- 42 6 WITH HERD-MATES	6	14,480	3.5	505	47	12,885	459		
					DIFF.	1,595	46		
1391646*									
5 NON-AI DAUS.-01	6	12,573	3.4	424					
STATES- 34 5 WITH HERD-MATES	6	12,573	3.4	424	8	13,223	463		
					OIFF.	650-	39-		
1391724*									
6 NON-AI DAUS.-03	6	14,035	4.1	582					
STATES- 16 6 WITH HERD-MATES	6	14,035	4.1	582	14	14,283	508		
					OIFF.	248-	74		
1391725*									
5 NON-AI DAUS.-04	5	10,276	3.7	381					
STATES- 12.13 5 WITH HERD-MATES	5	10,276	3.7	381	18	12,834	476		
					OIFF.	2,558-	95-		
1391758*									
5 NON-AI DAUS.-03	5	18,128	3.5	635					
STATES- 21 5 WITH HERD-MATES	5	18,128	3.5	635	23	16,550	599		
					OIFF.	1,578	36		
1391977 ROMANDALE PINEY HILL PONTIAC.....*									
11-24-59 010264804 011254853 14 NON-AI DAUS.-04	14	16,483	3.6	594					
AI STUD, 93-01 LISTED, 02-66 14 WITH HERD-MATES	14	16,483	3.6	594	25	15,397	577		
STATES- 22,23,93					OIFF.	1,086	17		
1391994*									
5 NON-AI DAUS.-01	5	10,868	3.4	370					
STATES- 35 5 WITH HERD-MATES	5	10,868	3.4	370	43	12,154	434		
					OIFF.	1,286-	64-		
1392003*									
6 NON-AI DAUS.-02	6	14,940	3.9	588					
STATES- 21 6 WITH HERO-MATES	6	14,940	3.9	588	25	13,940	524		
					OIFF.	1,000	64		
1392018*									
8 AI DAUGHTERS-07	8	13,316	3.5	466					
AI STUD, 41-01 8 WITH HERD-MATES	8	13,316	3.5	466	21	13,624	497	72-	8-
STATES- 41									
1392104*									
7 NON-AI DAUS.-01	7	16,630	3.7	614					
STATES- 21 7 WITH HERD-MATES	7	16,630	3.7	614	19	16,216	593		
					OIFF.	414	21		
1392106 PIETJE WOODROCK BARONET.....*									
01-16-60 010244133 011143783 7 NON-AI DAUS.-01	7	14,126	3.9	546					
AI STUD, 42-02 LISTED, 02-66 7 WITH HERD-MATES	7	14,126	3.9	546	16	13,703	543		
STATES- 42					OIFF.	423	3		
1392113*									
6 NON-AI DAUS.-01	6	15,730	3.2	508					
STATES- 21 6 WITH HERD-MATES	6	15,730	3.2	508	48	16,207	518		
					OIFF.	477-	10-		
1392115*									
16 AI DAUGHTERS-04	16	15,096	3.6	546					
AI STUD, 93-05 16 WITH HERD-MATES	16	15,096	3.6	546	113	16,793	601	588-	19-
STATES- 93									
1392327*									
5 NON-AI DAUS.-05	5	15,780	3.4	544					
STATES- 42 5 WITH HERD-MATES	5	15,780	3.4	544	15	12,720	462		
					OIFF.	3,060	82		
1392380*									
6 NON-AI DAUS.-04	6	11,297	3.6	405					
STATES- 33,42,65 6 WITH HERD-MATES	6	11,297	3.6	405	12	13,163	468		
					DIFF.	1,866-	63-		
1392526*									
5 NON-AI DAUS.-02	5	15,014	3.6	533					
STATES- 31,55 5 WITH HERD-MATES	5	15,014	3.6	533	13	15,864	593		
					DIFF.	850-	60-		
1392774 FERNHAME IVANHOE EMPERCR.....*									
12-19-60 1189870 3227192 95 AI DAUGHTERS-25*	95	14,015	3.8	526					
AI STUD, 51-02 LISTED, 02-66 95 WITH HERD-MATES	95	14,015	3.8	526	15	13,351	509	572	17
STATES- 23,50,51,52,54									
1392824*									
6 NON-AI DAUS.-01	6	14,507	3.5	512					
STATES- 35 6 WITH HERD-MATES	6	14,507	3.5	512	11	15,995	569		
					DIFF.	1,488-	57-		
1392856*									
5 NON-AI DAUS.-04	5	16,022	3.6	578					
STATES- 42 5 WITH HERD-MATES	5	16,022	3.6	578	18	13,560	497		
					OIFF.	2,462	81		

SIRE OF DHIA DAUGHTERS

HOLSTEIN			AV. PRODUCTION OF DAU.	ADJ. HERD-MATES AV.		PRED. DIFF.	
			RECORDS MILK TEST FAT	AV. MILK FAT		MILK FAT	
			NUMBER LB % LB	NUMBER LB		LB	
1392867*						
STATES- 31	7 NON-AI DAUS.-01	7	17,000 3.7 636	6 14,434	582		
	7 WITH HERD-MATES	7	17,000 3.7 636	DIFF. 2,566	54		
1392881*						
STATES- 23	7 NON-AI DAUS.-02	7	13,861 3.7 512	20 15,620	583		
	7 WITH HERD-MATES	7	13,861 3.7 512	DIFF. 1,759-	71-		
1392954*						
STATES- 48	11 NON-AI DAUS.-02	11	12,417 3.9 482	23 13,968	521		
	11 WITH HERD-MATES	11	12,417 3.9 482	DIFF. 1,551-	39-		
1393031*						
STATES- 14	8 NON-AI DAUS.-04	8	18,174 3.2 589	23 16,958	618		
	8 WITH HERD-MATES	8	18,174 3.2 589	DIFF. 1,216	29-		
1393064*						
STATES- 21	10 NON-AI DAUS.-03	10	16,788 3.3 551	23 15,078	510		
	10 WITH HERD-MATES	10	16,788 3.3 551	DIFF. 1,710	41		
1393080*						
STATES- 42	6 NON-AI DAUS.-01	6	16,298 3.6 583	7 18,480	619		
	6 WITH HERD-MATES	6	16,298 3.6 583	DIFF. 2,182-	36-		
1393335*						
STATES- 42	5 NON-AI DAUS.-01	5	15,270 3.7 561	14 14,478	522		
	5 WITH HERD-MATES	5	15,270 3.7 561	DIFF. 792	39		
1393364*						
STATES- 23	5 NON-AI DAUS.-01	8	8,671 4.2 367	10 10,305	408		
	5 WITH HERD-MATES	8	8,671 4.2 367	DIFF. 1,634-	41-		
1393444*						
STATES- 21	10 NON-AI DAUS.-01	10	13,663 3.8 526	48 14,438	509		
	10 WITH HERD-MATES	10	13,663 3.8 526	DIFF. 775-	17		
1393708*						
STATES- 87	5 NON-AI DAUS.-01	5	8,246 3.6 296	13 9,252	308		
	5 WITH HERD-MATES	5	8,246 3.6 296	DIFF. 1,006-	12-		
1393885*						
STATES- 31	7 NON-AI DAUS.-01	7	15,091 3.8 575	29 14,259	527		
	7 WITH HERD-MATES	7	15,091 3.8 575	DIFF. 832	48		
1393902*						
STATES- 42,47	5 NON-AI DAUS.-05	5	13,686 3.5 481	12 15,114	537		
	5 WITH HERD-MATES	5	13,686 3.5 481	DIFF. 1,428-	56-		
1393977*						
STATES- 41	6 NON-AI DAUS.-01	6	12,288 3.7 460	20 12,760	475		
	6 WITH HERD-MATES	6	12,288 3.7 460	DIFF. 472-	15-		
1394022*						
STATES- 41	5 NON-AI DAUS.-01	5	11,666 3.9 452	12 12,296	479		
	5 WITH HERD-MATES	5	11,666 3.9 452	DIFF. 630-	27-		
1394079*						
STATES- 41	5 NON-AI DAUS.-01	5	11,264 3.8 433	11 14,014	513		
	5 WITH HERD-MATES	5	11,264 3.8 433	DIFF. 2,750-	80-		
1394292	ROSNI CONQUEROR ARISTOCRAT.....*						
12-24-60 1124780 3632376	31 AI DAUGHTERS-25*	31	14,457 3.8 547	13 14,933	546	175-	5
AI STUD. 23-11 LISTED, 02-66	31 WITH HERD-MATES	31	14,457 3.8 547				
STATES- 23							
1394399*						
STATES- 55	5 NON-AI DAUS.-02	5	15,884 3.5 553	21 15,302	530		
	5 WITH HERD-MATES	5	15,884 3.5 553	DIFF. 582	23		
1394828*						
STATES- 41	7 NON-AI DAUS.-01	7	8,534 3.7 312	10 10,631	376		
	7 WITH HERD-MATES	7	8,534 3.7 312	DIFF. 2,097-	64-		
1394889*						
STATES- 35	5 NON-AI DAUS.-02	5	13,896 3.3 456	6 15,628	533		
	5 WITH HERD-MATES	5	13,896 3.3 456	DIFF. 1,732-	77-		
1395018*						
STATES- 35	5 NON-AI DAUS.-01	5	12,864 3.9 497	13 11,592	474		
	5 WITH HERD-MATES	5	12,864 3.9 497	DIFF. 1,272	23		
1395117	TIDY BURKE GILT EDGE.....*						
08-24-60 1329249 3348174	19 AI DAUGHTERS-11	19	15,913 3.6 570	14 15,148	554	474	12
AI STUD. 35-05 LISTED, 02-66	19 WITH HERD-MATES	19	15,913 3.6 570				
STATES- 35							

SIRE OF OHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF OAU.				ADJ. HERO-MATES AV.			PREO. OIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1395262	5	NON-AI OAU.-01	5	16,634	3.9	655			
STATES- 11	5	WITH HERO-MATES	5	16,634	3.9	655	24 OIFF.	12,524 4,110	481 174
1395387	6	NON-AI OAU.-03	6	14,720	4.0	587			
STATES- 23	6	WITH HERO-MATES	6	14,720	4.0	587	71 OIFF.	14,225 495	536 51
1395603	5	NON-AI OAU.-01	5	11,604	3.6	413			
STATES- 54	5	WITH HERO-MATES	5	11,604	3.6	413	31 OIFF.	11,232 372	419 6-
1395750	6	NON-AI OAU.-01	6	15,613	3.4	529			
STATES- 22	6	WITH HERO-MATES	6	15,613	3.4	529	40 OIFF.	15,547 66	545 16-
1395853	5	NON-AI OAU.-01	5	14,070	3.9	546			
STATES- 35	5	WITH HERO-MATES	5	14,070	3.9	546	16 OIFF.	15,984 1,914-	544 2
1395856	6	NON-AI OAU.-02	6	14,767	3.8	563			
STATES- 42	5	WITH HERO-MATES	5	14,668	3.8	564	12 OIFF.	14,456 212	538 26
1395908	5	NON-AI OAU.-03	5	11,350	3.4	390			
STATES- 21,23	5	WITH HERO-MATES	5	11,350	3.4	390	21 OIFF.	15,668 4,318-	549 159-
1396027	5	NON-AI OAU.-02	5	13,264	4.0	535			
STATES- 23	5	WITH HERO-MATES	5	13,264	4.0	535	29 OIFF.	14,980 1,716-	567 32-
1396303	6	NON-AI OAU.-01	6	15,913	3.9	622			
STATES- 86	6	WITH HERO-MATES	6	15,913	3.9	622	36 OIFF.	16,353 440-	616 6
1396603	6	NON-AI OAU.-01	6	15,343	3.3	510			
STATES- 31	6	WITH HERO-MATES	6	15,343	3.3	510	22 OIFF.	15,438 95-	535 25-
1396610	6	NON-AI OAU.-01	6	15,252	3.7	558			
STATES- 23	6	WITH HERO-MATES	6	15,252	3.7	558	14 OIFF.	15,255 3-	575 17-
1396885	6	NON-AI OAU.-03	6	16,605	3.8	632			
AI STUO, 33-03	6	WITH HERO-MATES	6	16,605	3.8	632	33 OIFF.	15,277 1,328	546 86
STATES- 35,86									
1396899	6	NON-AI OAU.-03	6	18,045	3.6	654			
STATES- 21	6	WITH HERO-MATES	6	18,045	3.6	654	18 OIFF.	15,820 2,225	558 96
1397008	5	NON-AI OAU.-02	5	14,810	3.7	548			
STATES- 41	5	WITH HERO-MATES	5	14,810	3.7	548	13 OIFF.	13,662 1,148	488 60
1397093	6	NON-AI OAU.-02	6	14,238	3.3	474			
STATES- 21	6	WITH HERO-MATES	6	14,238	3.3	474	32 OIFF.	15,533 1,295-	544 70-
1397405	10	NON-AI OAU.-02	10	13,970	3.8	533			
STATES- 13	10	WITH HERO-MATES	10	13,970	3.8	533	20 OIFF.	14,767 797-	540 7-
1397517 BRIGEE CHIEF FLYING CLOUD.....*									
10-31-60 1189870 3862151	36	NON-AI OAU.-11	36	15,415	4.0	616			
AI STUO, 33-03 LISTEO, 02-66	36	WITH HERO-MATES	36	15,415	4.0	616	24 OIFF.	16,207 792-	627 11-
STATES- 11,14,15,16									
1397578	5	NON-AI OAU.-01	5	12,360	3.7	460			
STATES- 21	5	WITH HERO-MATES	5	12,360	3.7	460	49 OIFF.	13,416 1,056-	456 4
1397656	5	NON-AI OAU.-01	5	18,606	3.3	611			
STATES- 21	5	WITH HERO-MATES	5	18,606	3.3	611	21 OIFF.	17,342 1,264	606 5
1397696	5	NON-AI OAU.-01	5	12,552	3.6	452			
STATES- 35	5	WITH HERO-MATES	5	12,552	3.6	452	42 OIFF.	13,524 972-	479 27-
1397752 ZELDENRUST ROYAL PONTIAC.....*									
08-19-60 1305460 2649438	198	AI OAU.-25*	198	14,635	3.5	509			
AI STUO, 34-01 LISTEO, 02-66	197	WITH HERO-MATES	197	14,641	3.5	509	16	15,248	556
STATES- 13,16,21,23,31,32,34,									
35,41,42,48,51,91	17	NON-AI OAU.-01	18	14,803	3.5	511			
	17	WITH HERO-MATES	18	14,803	3.5	511	26	15,232	545

SIRE OF OHIA DAUGHTERS				AV. PRODUCTION OF OAU.				AOJ. HERD-MATES AV.			PRED. OIFF.	
HOLSTEIN				RECORDS NUMBER	MILK L8	TEST %	FAT L8	AV. NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
1397868												
	6	NON-AI OAU.-01		6	14,597	3.5	518					
STATES- 31	6	WITH HERD-MATES		6	14,597	3.5	518	23	14,258	518		
								DIFF.	339			
1397965 MAPLE OARVEN MAJOR.....*												
04-10-60 010218036 011313001	44	AI DAUGHTERS-25*		44	14,110	3.5	491					
AI STUO, 21-01 LISTED, 02-66	44	WITH HERD-MATES		44	14,110	3.5	491	26	15,107	546	544-	33-
STATES- 21												
1397572												
	5	NGN-AI OAU.-03		5	12,778	3.8	489					
STATES- 23	5	WITH HERD-MATES		5	12,778	3.8	489	9	14,930	558		
								DIFF.	2,152-	69-		
1398117 M V 8 A PROFILE ELLA PETE-TWIN.....												
06-26-60 1169417 4203258	13	AI DAUGHTERS-10		13	12,708	3.6	462					
AI STUO, 41-01 LISTED, 02-66	13	WITH HERD-MATES		13	12,708	3.6	462	32	13,525	479	303-	7-
STATES- 41												
1398118												
	7	AI DAUGHTERS-06		7	14,024	3.6	506					
AI STUO, 41-01	7	WITH HERD-MATES		7	14,024	3.6	506	27	12,814	460	307	11
STATES- 41												
1398134												
	10	NON-AI OAU.-01		10	14,718	3.5	522					
STATES- 32	10	WITH HERD-MATES		10	14,718	3.5	522	11	15,130	545		
								DIFF.	412-	23-		
1398363												
	6	AI DAUGHTERS-06		6	13,707	3.7	503					
AI STUO, 12-03	6	WITH HERD-MATES		6	13,707	3.7	503	17	13,982	528	42-	5-
STATES- 12,13												
1398537												
	5	NON-AI OAU.-01		5	16,164	3.6	578					
STATES- 23	5	WITH HERD-MATES		5	16,164	3.6	578	11	13,982	542		
								DIFF.	2,182	36		
1398560												
	7	NON-AI OAU.-01		8	10,794	3.3	357					
STATES- 41	7	WITH HERD-MATES		8	10,794	3.3	357	16	13,580	444		
								OIFF.	2,786-	87-		
1398733												
	6	NON-AI OAU.-01		6	18,770	3.3	628					
STATES- 33	6	WITH HERD-MATES		6	18,770	3.3	628	23	17,385	654		
								OIFF.	1,385	26-		
1398962												
	5	NON-AI OAU.-04		5	10,430	4.1	423					
STATES- 12	5	WITH HERD-MATES		5	10,430	4.1	423	16	12,228	473		
								DIFF.	1,798-	50-		
1399008												
	6	NON-AI OAU.-03		6	16,143	3.8	618					
STATES- 21,32	6	WITH HERD-MATES		6	16,143	3.8	618	75	15,337	556		
								OIFF.	806	62		
1399061												
	5	AI DAUGHTERS-04		5	12,016	3.7	449					
AI STUO, 41-01	5	WITH HERD-MATES		5	12,016	3.7	449	25	13,232	486	240-	7-
STATES- 41,45												
1399070												
	7	NON-AI DAUS.-03		7	14,286	3.6	515					
STATES- 21	7	WITH HERD-MATES		7	14,286	3.6	515	21	14,370	506		
								OIFF.	84-	9		
1399092												
	5	NON-AI DAUS.-01		5	14,928	3.7	549					
STATES- 35	5	WITH HERD-MATES		5	14,928	3.7	549	29	14,600	525		
								DIFF.	328	24		
1399134												
	8	NON-AI OAU.-01		8	11,903	3.7	438					
STATES- 46	8	WITH HERD-MATES		8	11,903	3.7	438	17	14,480	534		
								DIFF.	2,577-	96-		
1399142												
	5	NON-AI DAUS.-01		6	10,147	4.0	403					
STATES- 43	5	WITH HERD-MATES		6	10,147	4.0	403	12	10,918	409		
								OIFF.	771-	6-		
1399150												
	7	NON-AI DAUS.-01		7	14,734	3.4	498					
STATES- 41	7	WITH HERD-MATES		7	14,734	3.4	498	16	15,487	532		
								DIFF.	753-	34-		
1399190												
	5	NON-AI DAUS.-01		5	14,782	3.4	505					
STATES- 35	5	WITH HERD-MATES		5	14,782	3.4	505	18	15,166	540		
								OIFF.	384-	35-		
1399304												
	6	NON-AI OAU.-01		6	13,780	3.6	491					
STATES- 22	6	WITH HERD-MATES		6	13,780	3.6	491	28	15,573	588		
								DIFF.	1,793-	97-		
1399314												
	5	NON-AI OAU.-01		5	15,866	3.7	587					
STATES- 32	5	WITH HERD-MATES		5	15,866	3.7	587	12	14,748	545		
								OIFF.	1,118	42		

SIRE OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
1399335									
STATES- 35	5	15,190	3.3	499	15	14,354	500		
	5	15,190	3.3	499	DIFF.	836	1-		
1399385 GRAY VIEW SKY CHIEF.....*									
08-18-60 1244845 3882120	19	12,239	3.8	465					
AI STUD, 33-03 LISTED, 02-66	17	12,458	3.8	476	22	14,486	532	865-	23-
STATES- 14,21,23,31,33,35,41,									
42,52,54,71	6	11,395	3.9	445					
	6	11,395	3.9	445	17	13,983	510		
1399824 HILLTOP APOLLO IVANHCE.....*									
11-26-60 1189870 4412249	66	15,039	3.9	580					
AI STUD, 23-09 LISTED, 02-66	66	15,039	3.9	580	17	14,246	546	700	31
STATES- 23,50,51									
1399925									
STATES- 33	5	15,573	3.6	568	5	13,970	511		
	5	15,573	3.6	568	DIFF.	1,603	57		
1399980 WOODSIDE FARM SEELEY BURKE.....*									
07-12-60 1038509 4612328	90	14,107	3.8	538					
AI STUD, 23-11 LISTED, 02-66	90	14,107	3.8	538	22	14,536	548	230-	2-
STATES- 21,23									
1400063									
STATES- 13	7	14,270	3.7	531	19	15,553	584		
	7	14,270	3.7	531	DIFF.	1,283-	53-		
1400262									
STATES- 31	6	15,607	4.0	623	26	14,132	525		
	6	15,607	4.0	623	DIFF.	1,475	98		
1400338 RAYMAU SUPERB.....*									
08-28-60 1181068 3641086	86	13,400	3.8	505					
AI STUD, 21-01 LISTED, 02-66	86	13,400	3.8	505	23	15,419	555	1,446-	34-
STATES- 13,21									
1400575 GLENAFTON CLARION.....*									
05-18-60 010249530 011116870	33	16,324	3.4	555					
AI STUD, 35-03 LISTED, 02-66	33	16,324	3.4	555	20	14,186	521	1,400	24
STATES- 35,61									
1400686 TIDY BURKE CULMINATION.....*									
11-18-59 1329249 2948519	5	16,187	3.5	571					
AI STUD, 33-03 LISTED, 02-66	5	16,187	3.5	571	10	14,209	524		
STATES- 41,43,48					DIFF.	1,978	47		
1400778									
STATES- 33	5	13,948	3.4	477	26	14,128	502		
	5	13,948	3.4	477	DIFF.	180-	25-		
1400871									
STATES- 47	7	13,670	3.6	496	18	15,960	575		
	7	13,670	3.6	496	DIFF.	2,290-	79-		
1400981									
STATES- 41	5	9,464	3.9	371	10	10,772	382		
	5	9,464	3.9	371	DIFF.	1,308-	11-		
1400991									
STATES- 21	5	12,584	3.4	422	25	13,756	467		
	5	12,584	3.4	422	DIFF.	1,172-	45-		
1401110									
STATES- 21	5	14,682	3.5	508	22	13,638	487		
	5	14,682	3.5	508	DIFF.	1,044	21		
1401112									
STATES- 23	5	20,388	3.5	719	32	19,418	701		
	5	20,388	3.5	719	DIFF.	970	18		
1401286									
STATES- 52	6	16,195	3.6	591	31	15,623	564		
	6	16,195	3.6	591	DIFF.	572	27		
1401327									
STATES- 21	8	12,526	3.3	413	53	13,356	449		
	8	12,526	3.3	413	DIFF.	830-	36-		
1401540 GYPSIE 8 F ROYAL LANCER.....*									
01-14-61 1269047 3342774	14	13,231	3.6	471					
AI STUD, 35-05 LISTED, 02-66	14	13,231	3.6	471	17	14,719	534	543-	23-
STATES- 33,35									
1401806									
STATES- 43	7	12,470	3.6	447	15	12,413	407		
	7	12,470	3.6	447	DIFF.	57	40		

SIRES OF DHIA DAUGHTERS				AV. RECORDS	PRODUCTION OF MILK	TEST %	DAU. FAT L8	ADJ. AV. NUMBER	HERD-MATES MILK L8	AV. FAT L8	PREO. MILK L8	DIFF. FAT L8
HOLSTEIN												
1401567	.....*	5	NON-AI DAUS.-02	5	16,332	3.9	641					
STATES- 23		5	WITH HERD-MATES	5	16,332	3.9	641	17	16,848	604		
								DIFF.	516-	37		
1402086	.....*	7	AI DAUGHTERS-06	7	13,990	3.8	531					
AI STUD, 11-D1		7	WITH HERD-MATES	7	13,990	3.8	531	18	15,496	583	327-	11-
STATES- 11												
1402113	.....*	6	NON-AI DAUS.-02	6	17,812	4.2	741					
STATES- 41		6	WITH HERD-MATES	6	17,812	4.2	741	10	14,475	551		
								DIFF.	3,337	190		
1402201	IVY LOOGE INKA REFLECTION.....*	61	AI DAUGHTERS-25*	61	14,002	3.7	515					
D8-17-60 D10233528 010981884		61	WITH HERD-MATES	61	14,002	3.7	515	40	14,042	522	44	2-
AI STUD, 23-11 LISTED, 02-66												
STATES- 22												
1402308	.....*	7	NON-AI DAUS.-03	7	13,253	3.6	481					
STATES- 42		7	WITH HERD-MATES	7	13,253	3.6	481	12	11,943	414		
								DIFF.	1,310	67		
1402465	.....*	5	NON-AI DAUS.-01	5	12,294	3.9	477					
STATES- 32		5	WITH HERD-MATES	5	12,294	3.9	477	7	12,998	503		
								DIFF.	704-	26-		
1402574	.....*	5	NON-AI DAUS.-01	6	15,311	3.8	580					
STATES- 56		5	WITH HERD-MATES	6	15,311	3.8	580	19	15,686	573		
								DIFF.	375-	7		
1402615	.....*	5	NON-AI DAUS.-01	5	11,734	3.9	456					
STATES- 87		5	WITH HERD-MATES	5	11,734	3.9	456	13	12,404	433		
								DIFF.	670-	23		
1402764	.....*	5	NON-AI DAUS.-04	5	15,250	3.7	562					
STATES- 41		5	WITH HERD-MATES	5	15,250	3.7	562	16	14,508	521		
								DIFF.	742	41		
1403117	.....*	8	NON-AI DAUS.-01	8	14,258	3.4	484					
STATES- 55		8	WITH HERD-MATES	8	14,258	3.4	484	21	12,958	434		
								DIFF.	1,300	50		
1403233	.....*	5	NON-AI DAUS.-01	5	14,794	3.5	520					
STATES- 35		5	WITH HERD-MATES	5	14,794	3.5	520	28	12,864	503		
								DIFF.	1,930	17		
1403382	ROSEROW WORTHY PLATO.....*	17	AI DAUGHTERS-12	17	15,074	4.0	605					
03-20-60 1124780 4700313		17	WITH HERD-MATES	17	15,074	4.0	605	21	14,381	532	379	36
AI STUD, 31-01 LISTED, 02-66												
STATES- 31												
1403551	.....*	10	NON-AI DAUS.-03	10	13,965	4.0	554					
STATES- 93		9	WITH HERD-MATES	9	14,537	4.0	579	10	16,919	630		
								DIFF.	2,382-	51-		
1403663	.....*	5	NON-AI DAUS.-03	7	12,558	3.8	473					
STATES- 31		5	WITH HERD-MATES	7	12,558	3.8	473	11	13,116	488		
								DIFF.	558-	15-		
1403652	.....*	5	AI DAUGHTERS-05	5	14,156	3.6	515					
AI STUD, 21-D1		5	WITH HERD-MATES	5	14,156	3.6	515	13	14,480	524	36-	1-
STATES- 21												
1403699	.....*	7	NON-AI DAUS.-01	7	14,236	3.7	522					
STATES- 82		7	WITH HERD-MATES	7	14,236	3.7	522	33	14,860	554		
								DIFF.	624-	32-		
1404045	.....*	8	NON-AI DAUS.-01	8	9,271	3.6	334					
STATES- 21		8	WITH HERD-MATES	8	9,271	3.6	334	16	10,529	378		
								DIFF.	1,258-	44-		
1404202	COLLINS-CREST 8U00Y BURKE.....*	39	AI DAUGHTERS-25*	39	15,595	3.4	529					
08-03-60 1038509 4201732		39	WITH HERD-MATES	39	15,595	3.4	529	25	14,751	529	670	3
AI STUD, 21-C1 LISTED, D2-66												
STATES- 13,21												
1404518	.....*	5	NON-AI DAUS.-02	5	12,484	3.7	456					
STATES- 31		5	WITH HERD-MATES	5	12,484	3.7	456	56	15,662	570		
								DIFF.	3,178-	114-		
1404651	.....*	5	AI DAUGHTERS-05	5	15,204	3.5	526					
AI STUD, 21-D1		5	WITH HERD-MATES	5	15,204	3.5	526	33	14,630	537	146	1-
STATES- 21												
1404780	.....*	5	NON-AI DAUS.-01	5	15,984	3.8	608					
STATES- 35		5	WITH HERD-MATES	5	15,984	3.8	608	16	14,766	543		
								DIFF.	1,218	65		

SIREs OF DHIA DAUGHTERS

HDLSTEIN				AV. RECORDS	PRDUCTION MILK L8	OF TEST %	DAU. FAT L8	ADJ. AV. NUMBER	HERD-MATES MILK L8	AV. FAT L8	PRED. MILK L8	DIFF. FAT L8
1404755 SHANGHIGH HI-EDY CHAMP.....*												
09-01-60 1292681 4046480 15 AI DAUGHTERS-12				15	13,933	3.8	523					
AI STUD, 23-09 LISTED, 02-66 14 WITH HERD-MATES				14	14,143	3.7	526	19	13,560	519	260	5
STATES- 23												
1404867*												
STATES- 34 5 NON-AI DAUS.-03				5	12,902	3.7	479					
5 WITH HERD-MATES				5	12,902	3.7	479	3	14,010	489		
								DIFF.	1,108-	10-		
1404930*												
STATES- 33 5 NON-AI DAUS.-02				5	13,362	3.6	481					
5 WITH HERD-MATES				5	13,362	3.6	481	18	13,314	477		
								DIFF.	48	4		
1404931 SUEDALE BUCKY T.....*												
12-13-60 1038509 3676432 11 AI DAUGHTERS-11				11	14,494	3.4	499					
AI STUD, 21-01 LISTED, 02-66 11 WITH HERD-MATES				11	14,494	3.4	499	23	15,737	563	345-	19-
STATES- 21												
1404955 REYNOLAND SENDR PEDRD.....*												
02-12-61 1085978 4034865 8 AI DAUGHTERS-08				8	13,566	3.8	514					
AI STUD, 21-01 LISTED, 02-66 8 WITH HERD-MATES				8	13,566	3.8	514	24	15,234	550	414-	8-
STATES- 21												
1405113*												
STATES- 21 7 NON-AI DAUS.-02				7	16,760	2.8	476					
7 WITH HERD-MATES				7	16,760	2.8	476	26	15,023	507		
								DIFF.	1,737	31-		
1405241*												
AI STUD, 35-05 5 AI DAUGHTERS-04				5	14,094	3.9	550					
STATES- 33,35 5 WITH HERD-MATES				5	14,094	3.9	550	15	14,520	538	56-	4
1405498*												
STATES- 31 5 NON-AI DAUS.-01				5	15,382	3.5	542					
5 WITH HERD-MATES				5	15,382	3.5	542	29	17,254	607		
								DIFF.	1,872-	65-		
1405520*												
STATES- 31 6 NON-AI DAUS.-04				6	12,485	3.5	434					
6 WITH HERD-MATES				6	12,485	3.5	434	21	13,712	475		
								DIFF.	1,227-	41-		
1405562*												
STATES- 31 6 NON-AI DAUS.-01				6	9,608	3.4	330					
6 WITH HERD-MATES				6	9,608	3.4	330	27	12,705	432		
								DIFF.	3,097-	102-		
1405570*												
STATES- 22 5 NON-AI DAUS.-02				7	15,553	3.5	539					
5 WITH HERD-MATES				7	15,553	3.5	539	14	15,160	545		
								DIFF.	393	6-		
1406055*												
STATES- 42 7 NON-AI DAUS.-02				7	13,286	3.7	491					
7 WITH HERD-MATES				7	13,286	3.7	491	14	14,217	489		
								DIFF.	931-	2		
1406198*												
STATES- 42 5 NON-AI DAUS.-01				5	19,234	3.7	704					
5 WITH HERD-MATES				5	19,234	3.7	704	49	15,672	581		
								DIFF.	3,562	123		
1406351*												
STATES- 86 5 NON-AI DAUS.-01				5	13,970	4.0	564					
5 WITH HERD-MATES				5	13,970	4.0	564	15	15,772	571		
								DIFF.	1,802-	7-		
1407095*												
STATES- 14,16 5 NON-AI DAUS.-04				7	14,105	3.6	509					
5 WITH HERD-MATES				7	14,105	3.6	509	15	12,913	476		
								DIFF.	1,192	33		
1408046*												
STATES- 13 5 NON-AI DAUS.-02				5	15,662	3.4	536					
5 WITH HERD-MATES				5	15,662	3.4	536	25	15,260	558		
								DIFF.	402	22-		
1408066*												
STATES- 42 5 NON-AI DAUS.-01				5	13,098	3.6	467					
5 WITH HERD-MATES				5	13,098	3.6	467	9	14,652	522		
								DIFF.	1,554-	55-		
1408269*												
STATES- 21 7 NON-AI DAUS.-01				7	16,379	3.7	605					
7 WITH HERD-MATES				7	16,379	3.7	605	21	18,244	684		
								DIFF.	1,865-	79-		
1408320*												
STATES- 16,21 5 NON-AI DAUS.-02				5	12,636	3.3	422					
5 WITH HERD-MATES				5	12,636	3.3	422	44	13,500	470		
								DIFF.	864-	48-		
1408520*												
STATES- 81 5 NON-AI DAUS.-01				5	11,348	3.7	416					
5 WITH HERD-MATES				5	11,348	3.7	416	12	13,404	500		
								DIFF.	2,056-	84-		
1408835*												
STATES- 32 5 NON-AI DAUS.-01				5	14,044	3.8	534					
5 WITH HERD-MATES				5	14,044	3.8	534	20	12,718	461		
								DIFF.	1,326	73		

SIRE OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. OIFF.	
	RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
1408859									
STATES- 21,47	8	15,501	3.3	514					
	8	15,501	3.3	514	51	15,008	532		
					DIFF.	493	18-		
1409452									
AI STUD, 41-01	5	13,993	3.6	509					
STATES- 41,87	5	13,993	3.6	509	11	14,727	532		
					DIFF.	734-	23-		
1410615									
STATES- 54	5	17,952	3.4	608					
	5	17,952	3.4	608	21	17,458	629		
					DIFF.	494	21-		
1410850									
AI STUD, 42-D8	5	17,218	3.5	603					
STATES- 42	5	17,218	3.5	603	22	16,184	577	269	7
1411026									
AI STUD, 23-11	5	14,834	3.8	561					
STATES- 23	5	14,834	3.8	561	18	15,298	564	48-	1
1411075									
STATES- 21,34	6	15,398	3.6	553					
	6	15,398	3.6	553	59	14,977	557		
					OIFF.	421	4-		
1411621									
STATES- 41	6	13,413	3.6	489					
	6	13,413	3.6	489	10	14,357	527		
					DIFF.	944-	38-		
1411710									
STATES- 47	6	16,288	3.8	615					
	6	16,288	3.8	615	17	15,576	560		
					DIFF.	712	55		
1412654									
STATES- 23	5	12,560	3.7	463					
	5	12,560	3.7	463	23	13,674	504		
					OIFF.	1,114-	41-		
1413165 ROCKET FOREST LEE CENTURION.....*									
06-07-58 010239301 011093766	5	18,652	3.6	674					
AI STUD, 35-75 LISTEO, 02-66	5	18,652	3.6	674	11	17,042	653		
STATES- 34					OIFF.	1,610	21		
1413403									
STATES- 42	8	13,784	3.7	513					
	8	13,784	3.7	513	11	14,376	526		
					OIFF.	592-	13-		
1413551									
STATES- 35	6	11,578	3.4	394					
	6	11,578	3.4	394	19	12,222	429		
					OIFF.	644-	35-		
1413711									
AI STUD, 22-03	17	17,455	3.7	638					
STATES- 22,23	17	17,455	3.7	638	26	15,576	582	978	31
1413713									
AI STUD, 23-11	7	12,617	4.0	505					
STATES- 22	7	12,617	4.0	505	17	15,440	566	670-	13-
1413991									
STATES- 52	6	13,360	4.2	561					
	6	13,360	4.2	561	20	14,180	529		
					DIFF.	820-	32		
1414827									
STATES- 48	5	12,122	3.6	437					
	5	12,122	3.6	437	13	12,912	486		
					OIFF.	790-	49-		
1415663									
STATES- 41	5	12,360	3.4	418					
	5	12,360	3.4	418	4	12,722	453		
					DIFF.	362-	35-		
1415748									
STATES- 32	5	14,624	3.7	543					
	5	14,624	3.7	543	10	14,258	528		
					DIFF.	366	15		
1415997									
STATES- 41	8	12,744	3.6	453					
	8	12,744	3.6	453	30	13,319	500		
					DIFF.	575-	47-		
1416075									
STATES- 41	6	11,810	3.4	397					
	6	11,810	3.4	397	15	12,925	476		
					DIFF.	1,115-	79-		
1416883									
STATES- 33	5	16,484	3.7	606					
	5	16,484	3.7	606	7	15,308	560		
					DIFF.	1,176	46		

SIRE OF DHIA DAUGHTERS

HOLSTEIN			AV. RECORDS	PRODUCTION MILK LB	OF TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PRED. MILK LB	DIFF. FAT LB
1418713	*****										
STATES-	35	5 NDN-AI DAUS.-D1 5 WITH HERD-MATES	5	13,794	3.8	529					
			5	13,794	3.8	529	20 DIFF.	13,782 12	524 5		
1419839	*****										
AI STUD. 23-11		5 NDN-AI DAUS.-01	5	13,602	4.1	559					
STATES-	22	5 WITH HERD-MATES	5	13,602	4.1	559	9 DIFF.	13,402 200	527 32		
1420413	*****										
AI STUD. 35-D3		5 AI DAUGHTERS-D5	5	11,824	3.7	434					
STATES-	35	5 WITH HERD-MATES	5	11,824	3.7	434	9	14,254	516	462-	16-
1425807	*****										
STATES-	21	5 NDN-AI DAUS.-D1 5 WITH HERD-MATES	5	10,982	3.6	395					
			5	10,982	3.6	395	34 DIFF.	11,994 1,012-	439 44-		
1426530	*****										
STATES-	54	5 NDN-AI DAUS.-01 5 WITH HERD-MATES	5	13,648	3.6	487					
			5	13,648	3.6	487	17 DIFF.	15,440 1,792-	546 59-		
1426817	*****										
STATES-	93	5 NON-AI DAUS.-01 5 WITH HERO-MATES	5	17,362	3.4	582					
			5	17,362	3.4	582	31 DIFF.	15,642 1,720	529 53		
1427591	*****										
STATES-	31	8 NON-AI DAUS.-D1 8 WITH HERO-MATES	8	14,604	3.4	491					
			8	14,604	3.4	491	6 DIFF.	14,786 182-	512 21-		
1431053	*****										
STATES-	21	5 NON-AI DAUS.-D1 5 WITH HERO-MATES	5	14,996	3.6	535					
			5	14,996	3.6	535	31 DIFF.	16,606 1,610-	567 32-		
1433244	*****										
STATES-	41	7 NON-AI DAUS.-02 7 WITH HERD-MATES	7	11,609	3.3	387					
			7	11,609	3.3	387	6 DIFF.	12,641 1,032-	446 59-		
1442121	*****										
STATES-	14	5 NDN-AI DAUS.-02 5 WITH HERD-MATES	5	10,980	3.6	393					
			5	10,980	3.6	393	10 DIFF.	14,072 3,092-	521 128-		
010233625 EGLANTIERS TRIUMPH JOHANNA.....*											
03-01-51 010216824 010453325		46 NON-AI DAUS.-25*	99	12,386	3.6	443					
STATES- 13,16,21,22,23,33,51, 52,54,55,58		44 WITH HERD-MATES	55	12,515	3.6	450	14 DIFF.	12,193 322	447 3		
010247186	*****										
STATES-	21,35,51	6 NON-AI DAUS.-05 5 WITH HERD-MATES	13	14,677	3.6	534					
			12	14,959	3.6	533	19 DIFF.	15,963 1,004-	582 49-		
010251715	*****										
STATES-	13,14,16,21,23	5 NON-AI DAUS.-05 5 WITH HERO-MATES	10	11,326	3.9	442					
			10	11,326	3.9	442	12 DIFF.	13,864 2,538-	514 72-		
010253143	*****										
STATES-	12,13,21,23	5 NON-AI DAUS.-05 5 WITH HERD-MATES	10	13,357	3.5	471					
			10	13,357	3.5	471	20 DIFF.	13,746 389-	499 28-		
010254609	*****										
STATES-	23,31,57,86	5 NON-AI DAUS.-04 5 WITH HERD-MATES	13	13,262	3.7	495					
			13	13,262	3.7	495	26 DIFF.	14,526 1,264-	525 30-		
010256172	*****										
STATES-	21,22,23	5 NDN-AI DAUS.-05 5 WITH HERD-MATES	9	12,082	3.5	421					
			9	12,082	3.5	421	18 DIFF.	14,044 1,962-	507 86-		
010258303	*****										
STATES-	13,14,21,23	5 NDN-AI DAUS.-05 5 WITH HERD-MATES	6	11,284	3.7	414					
			6	11,284	3.7	414	12 DIFF.	13,400 2,116-	489 75-		
010262091	*****										
STATES-	21,22,51,58	5 NON-AI DAUS.-04 5 WITH HERD-MATES	8	13,775	3.2	437					
			8	13,775	3.2	437	34 DIFF.	14,165 390-	497 60-		
010263781	*****										
STATES-	13,23,31,34,41	6 NON-AI DAUS.-05 6 WITH HERD-MATES	7	10,558	3.6	378					
			7	10,558	3.6	378	16 DIFF.	12,203 1,645-	457 79-		
010264719	*****										
STATES-	14,23	5 NON-AI DAUS.-04 5 WITH HERD-MATES	5	12,274	3.6	437					
			5	12,274	3.6	437	7 DIFF.	13,240 966-	475 38-		
010266531	*****										
STATES-	23,31	5 NON-AI DAUS.-03 5 WITH HERD-MATES	7	15,970	3.7	584					
			7	15,970	3.7	584	31 DIFF.	16,650 680-	575 9		

Sires of DHIA Daughters				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
HOLSTEIN				RECORDS NUMBER	MILK L8	TEST %	FAT L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
010269130	5	NON-AI DAUS.-04	6	16,549	3.3	552						
STATES- 21,31,52,58	5	WITH HERD-MATES	6	16,549	3.3	552		27	14,094	503		
								DIFF.	2,455	49		
010269702	6	NON-AI DAUS.-03	6	13,743	3.6	489						
STATES- 16,21,34	6	WITH HERD-MATES	6	13,743	3.6	489		17	13,663	502		
								DIFF.	80	13-		
010269563	10	NON-AI DAUS.-05	10	14,910	3.8	563						
STATES- 21	10	WITH HERD-MATES	10	14,910	3.8	563		37	14,862	547		
								DIFF.	48	16		
010271719	5	NON-AI DAUS.-05	5	14,764	3.8	559						
STATES- 82,91	5	WITH HERD-MATES	5	14,764	3.8	559		10	13,370	491		
								DIFF.	1,394	68		
010272270	7	NON-AI DAUS.-07	7	12,760	3.5	447						
STATES- 13,21,23,34,43	7	WITH HERD-MATES	7	12,760	3.5	447		31	13,740	508		
								DIFF.	980-	61-		
010273925	5	NON-AI DAUS.-04	6	17,192	3.9	672						
STATES- 21,23,91	5	WITH HERD-MATES	6	17,192	3.9	672		32	16,042	610		
								DIFF.	1,150	62		
010275932	7	NON-AI DAUS.-05	7	15,360	3.8	584						
STATES- 21,23,47	7	WITH HERD-MATES	7	15,360	3.8	584		17	13,743	520		
								DIFF.	1,617	64		
23A8J0903	5	NON-AI DAUS.-01	5	13,636	3.7	508						
STATES- 23	5	WITH HERD-MATES	5	13,636	3.7	508		5	14,660	546		
								DIFF.	1,024-	38-		
23ADA0185	5	NON-AI DAUS.-01	5	10,220	4.0	412						
STATES- 23	5	WITH HERD-MATES	5	10,220	4.0	412		4	9,168	333		
								DIFF.	1,052	79		
23DXI2820	5	NON-AI DAUS.-01	13	13,437	3.9	523						
STATES- 23	5	WITH HERD-MATES	13	13,437	3.9	523		4	12,629	471		
								DIFF.	808	52		
350A89923	5	NON-AI DAUS.-01	5	12,638	3.9	495						
STATES- 35	5	WITH HERD-MATES	5	12,638	3.9	495		3	12,030	458		
								DIFF.	608	37		
41AFL8529	8	NON-AI DAUS.-01	9	10,821	3.6	390						
STATES- 41	8	WITH HERD-MATES	9	10,821	3.6	390		8	10,762	385		
								DIFF.	59	5		
41WAQ8664	9	NON-AI DAUS.-01	11	10,987	3.7	403						
STATES- 41	8	WITH HERD-MATES	10	11,009	3.7	408		7	11,966	436		
								DIFF.	957-	28-		
41WAU8026	5	NON-AI DAUS.-01	5	15,448	3.7	571						
STATES- 41	5	WITH HERD-MATES	5	15,448	3.7	571		11	13,022	467		
								DIFF.	2,426	104		
41W8H6617	8	NON-AI DAUS.-01	8	11,304	3.6	407						
STATES- 41	8	WITH HERD-MATES	8	11,304	3.6	407		7	12,475	436		
								DIFF.	1,171-	29-		
41W8H6618	5	NON-AI DAUS.-01	5	13,386	3.6	484						
STATES- 41	5	WITH HERD-MATES	5	13,386	3.6	484		11	11,566	404		
								DIFF.	1,820	80		
41WCK1576	5	NON-AI DAUS.-01	5	12,304	3.5	435						
STATES- 41	5	WITH HERD-MATES	5	12,304	3.5	435		7	13,882	470		
								DIFF.	1,578-	35-		
41WCK7910	17	NON-AI DAUS.-01	17	10,497	3.5	372						
STATES- 41	17	WITH HERD-MATES	17	10,497	3.5	372		12	10,452	362		
								DIFF.	45	10		
41WCS0105	7	NON-AI DAUS.-01	7	12,307	3.6	445						
STATES- 41	7	WITH HERD-MATES	7	12,307	3.6	445		11	11,856	434		
								DIFF.	451	11		
42WAG9063	6	NON-AI DAUS.-01	7	12,273	3.6	436						
STATES- 42	6	WITH HERD-MATES	7	12,273	3.6	436		7	12,746	452		
								DIFF.	473-	16-		
42WAH8346	7	NON-AI DAUS.-01	7	11,923	3.8	458						
STATES- 42	7	WITH HERD-MATES	7	11,923	3.8	458		27	12,683	472		
								DIFF.	760-	14-		

SIRE OF DHIA DAUGHTERS

HOLSTEIN	AV. PRODUCTION OF				AOJ. HERD-MATES AV.			PREO. OIFF.	
	RECORDS	MILK	TEST	OAU.	AV.	MILK	FAT	MILK	FAT
	NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
42WAN2952	8	NON-AI OAU.-01							
STATES- 42	8	WITH HERD-MATES	8	13,073	3.4	441	20	12,738	416
							OIFF.	335	25
42WAT6291	6	NON-AI OAU.-01							
STATES- 42	6	WITH HERD-MATES	6	10,233	3.6	370	11	12,335	423
							OIFF.	2,102-	53-
42WAU5C99	5	NON-AI OAU.-01							
STATES- 42	5	WITH HERD-MATES	5	12,870	3.4	436	9	12,442	431
							OIFF.	428	5
48DXHC947	7	NON-AI OAU.-01							
STATES- 48	7	WITH HERD-MATES	7	10,836	4.2	451	18	10,603	380
							OIFF.	233	71
55WAL6191	9	NON-AI OAU.-01							
STATES- 52	9	WITH HERD-MATES	9	9,870	3.8	371	7	11,039	416
							OIFF.	1,169-	45-
58WAC3460	7	NON-AI OAU.-01							
STATES- 58	7	WITH HERD-MATES	7	12,936	3.7	479	15	12,090	411
							OIFF.	846	68
82WAD7687	6	NON-AI OAU.-01							
STATES- 82	6	WITH HERD-MATES	6	16,357	3.3	543	27	15,182	534
							OIFF.	1,175	9
91WAG3737	6	NON-AI OAU.-01							
STATES- 82	6	WITH HERD-MATES	6	11,267	4.1	459	10	12,492	497
							OIFF.	1,225-	38-
93WCKE392	6	NON-AI OAU.-01							
STATES- 93	6	WITH HERD-MATES	6	14,847	3.6	540	784	16,290	604
							OIFF.	1,443-	64-
93WCO0001	6	NON-AI OAU.-01							
STATES- 93	6	WITH HERD-MATES	6	18,093	3.8	688	734	16,300	597
							OIFF.	1,793	91
93WCO0003	5	NON-AI OAU.-01							
STATES- 93	5	WITH HERD-MATES	5	13,716	4.1	565	592	16,274	593
							OIFF.	2,558-	28-

SIRE OF DHIA DAUGHTERS

JERSEY				AV. RECORDS NUMBER	PRODUCTION MILK LB	OF TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PRED. MILK LB	DIFF. FAT LB
480642	SYBIL DML MAIDEN LAD.....*											
11-08-46	396681 956932	498	AI DAUGHTERS-25*	1567	9,198	5.0	460					
AI STUD, 12-03	LISTED, 02-66	429	WITH HERD-MATES	1357	9,273	5.0	465	13	8,682	456	600	11
STATES-	11,12,13,14,15,16,21,34,58											
498538*											
	5 NON-AI DAUS.-02	23		23	8,443	5.1	434					
STATES-	21,51	5	WITH HERD-MATES	23	8,443	5.1	434	12 DIFF.	7,813 630	402 32		
506072*											
	9 NON-AI DAUS.-02	11		11	8,890	4.9	436					
STATES-	91,93	9	WITH HERD-MATES	11	8,890	4.9	436	31 DIFF.	9,338 448-	488 52-		
520539	TRISTRAM BASIL BARON.....											
05-01-49	435991 1324349	99	AI DAUGHTERS-25*	196	7,877	5.4	429					
AI STUD, 41-01	LISTED, 05-65	94	WITH HERD-MATES	183	7,831	5.5	430	12	8,214	433	324-	2-
STATES-	41,42,45											
	25 NDN-AI DAUGHTERS	105		105	6,891	5.3	365					
	23 WITH HERD-MATES	79		79	6,920	5.3	366	3	7,662	394		
523387	JESTER AIM.....*											
01-15-50	431562 1297749	44	NON-AI DAUS.-17	153	8,815	4.9	433					
LISTED, 05-65		44	WITH HERD-MATES	148	8,745	4.9	430	9 DIFF.	8,842 97-	448 18-		
STATES-	33,35,41,42,47,84,85											
531074	SIGNAL DXFDRD SULTAN.....*											
10-30-50	419248 1287233	64	AI DAUGHTERS-14	94	8,678	5.0	436					
AI STUD, 48-01	LISTED, 02-66	63	WITH HERD-MATES	93	8,632	5.0	435	11	7,622	391	714	31
STATES-	47,48,74											
	33 NDN-AI DAUGHTERS	103		103	8,915	5.2	463					
	32 WITH HERD-MATES	102		102	8,930	5.2	465	23	8,519	450		
531342	JESTER BASIL DESIGN.....*											
03-10-50	448354 1512518	509	AI DAUGHTERS-25*	823	8,433	5.3	449					
AI STUD, 34-01	LISTED, 05-65	502	WITH HERD-MATES	811	8,431	5.3	449	26	8,607	450	141-	1
STATES-	21,22,23,31,32,33,34,35,41,42,43,47,51,52,56,57,58,61,63,64,65,74,87	44	NDN-AI DAUGHTERS	146	8,450	5.2	436					
		44	WITH HERD-MATES	143	8,321	5.1	428	13	8,162	428		
532528*											
	6 NON-AI DAUS.-02	6		6	8,213	5.1	418					
STATES-	63,65	6	WITH HERD-MATES	6	8,213	5.1	418	20 DIFF.	8,965 752-	439 21-		
534755	BRIGHAM VOLUNTEER HALLAM.....*											
04-04-51	454316 1447844	180	AI DAUGHTERS-25*	379	9,231	5.1	472					
AI STUD, 52-01	LISTED, 02-66	174	WITH HERD-MATES	360	9,218	5.1	474	23	8,477	442	678	30
STATES-	51,52,54,55											
	30 NDN-AI DAUGHTERS	115		115	10,050	4.9	493					
	30 WITH HERD-MATES	115		115	10,050	4.9	493	21	9,090	471		
536182*											
	5 NON-AI DAUS.-01	10		10	5,849	5.1	296					
STATES-	45	5	WITH HERD-MATES	10	5,849	5.1	296	8 DIFF.	6,302 453-	327 31-		
537169	TRISTRAM DBSERVER.....											
11-15-50	435991 1449167	73	AI DAUGHTERS-25*	73	8,453	5.5	469					
AI STUD, 12-03	LISTED, 02-66	71	WITH HERD-MATES	71	8,466	5.6	471	23	9,588	502	775-	18-
STATES-	11,12,13,14,16,21,58,64											
	19 NDN-AI DAUGHTERS	59		59	9,158	5.8	527					
	19 WITH HERD-MATES	59		59	9,158	5.8	527	15	9,382	504		
539438*											
	7 NON-AI DAUS.-04	11		11	6,540	5.3	349					
STATES-	21,74,87	6	WITH HERD-MATES	8	6,784	5.3	358	20 DIFF.	7,574 790-	383 25-		
540061	VOLUNTEER SYBIL DDB.....*											
04-11-51	496363 1542666	189	AI DAUGHTERS-25*	386	8,626	5.3	459					
AI STUD, 12-03	LISTED, 02-66	187	WITH HERD-MATES	376	8,606	5.3	458	16	9,047	464	332-	2-
STATES-	11,12,13,14,21,57,58											
	11 NDN-AI DAUGHTERS	22		22	7,659	4.9	377					
	11 WITH HERD-MATES	22		22	7,659	4.9	377	6	8,171	411		
540847*											
	5 NON-AI DAUS.-03	11		11	6,881	5.2	358					
STATES-	31	5	WITH HERD-MATES	11	6,881	5.2	358	12 DIFF.	7,204 323-	374 16-		
544262*											
	5 NON-AI DAUS.-02	5		5	9,288	4.7	440					
STATES-	65	5	WITH HERD-MATES	5	9,288	4.7	440	26 DIFF.	6,842 2,446	334 106		
544523	DESIGNS DREAMING VICTDR.....											
11-05-51	489295 1605865	78	AI DAUGHTERS-25*	150	8,237	5.2	427					
AI STUD, 41-01	LISTED, 05-65	65	WITH HERD-MATES	125	7,978	5.3	426	12	7,750	412	131	10
STATES-	41,42,45,46,51											
	11 NDN-AI DAUGHTERS	19		19	7,572	5.5	418					
	11 WITH HERD-MATES	18		18	7,525	5.5	416	3	7,087	380		
546137	BRUCE WESTFIELD CHERRY NDBLE.....*											
05-29-51	460497 1402851	205	AI DAUGHTERS-25*	396	9,723	5.5	531					
AI STUD, 16-04	LISTED, 02-66	193	WITH HERD-MATES	371	9,838	5.5	537	15	9,160	483	691	54
STATES-	11,13,14,15,16,21,55,56,58											
	13 NDN-AI DAUGHTERS	46		46	8,938	5.4	479					
	13 WITH HERD-MATES	44		44	8,887	5.4	476	10	8,134	433		

SIREs OF DHIA DAUGHTERS

JERSEY					AV. RECDRDS NUMBER	PRDUCTION MILK LB	OF TEST %	DAU. FAT LB	ADJ. AV. NUMBER	HERD-MATES MILK LB	AV. FAT LB	PRED. MILK LB	DIFF. FAT LB
546917	8LDNDE ADVANCER BART LAD.....*												
09-11-51	469101 1380244	25	AI DAUGHTERS-13	65	7,250	5.5	400						
AI STUD, 35-02	LISTED, D2-66	25	WITH HERD-MATES	65	7,250	5.5	400		12	7,813	414	340-	8-
STATES-	35,42												
547851*												
	5 NDN-AI DAUS.-04	9		9	6,821	4.8	324						
STATES-	64 5 WITH HERD-MATES	5		5	6,821	4.8	324		33 DIFF.	7,237 416-	356 32-		
549122	MISTER JESTER PINN.....*												
02-27-52	521974 1448741	567	AI DAUGHTERS-25*	875	8,487	5.2	442						
AI STUD, 31-01	LISTED, 02-66	564	WITH HERD-MATES	871	8,490	5.2	443		31	8,544	436	30-	8
STATES-	12,14,21,23,31,32,33, 34,35,41,42,48,55,56,57,65,73, 74,84,85,88	120 119	NDN-AI DAUGHTERS WITH HERD-MATES	292 287	8,332 8,336	5.2 5.2	432 432		54	8,492	435		
549809	BRIGHAM CONFIDENT INFRED.....*												
12-11-52	470945 17100D1	173	AI DAUGHTERS-25*	276	9,133	4.8	437						
AI STUD, 63-02	LISTED, 02-66	171	WITH HERD-MATES	273	9,162	4.8	438		26	8,242	416	817	19
STATES-	57,63,64,81												
	29 NDN-AI DAUGHTERS	122		122	10,615	5.0	527						
	29 WITH HERD-MATES	118		118	10,618	5.0	526		31	10,123	500		
551139	STANDARD VOLUNTEER CELBERT.....*												
12-17-52	484859 1478745	11	NDN-AI DAUS.-04	20	10,829	5.4	588						
AI STUD, 93-10	LISTED, 02-66	10	WITH HERD-MATES	19	11,100	5.5	605		5 DIFF.	10,053 1,047	560 45		
STATES-	61,91,92												
552844	SIBLEY-S DESIGN FOUR THOUSAND.....*												
01-12-53	528281 1427169	289	AI DAUGHTERS-25*	488	9,243	5.2	480						
AI STUD, 16-04	LISTED, 02-66	275	WITH HERD-MATES	455	9,235	5.2	478		14	9,136	481	169	3
STATES-	11,12,13,14,16,21,31, 55,56	7 7	NDN-AI DAUGHTERS WITH HERD-MATES	29 26	10,099 9,910	5.2 5.2	521 515		16	9,639	510		
553149	BEAUTYS MASTER ADVANCER.....*												
02-22-53	534585 1732726	172	NDN-AI DAUS.-24	382	8,854	5.3	466						
AI STUD, 31-01	LISTED, 02-66	172	WITH HERD-MATES	382	8,854	5.3	466		34 DIFF.	8,521 333	453 13		
STATES-	31,32,34,35,52,56,57, 58,61,64,65,74												
553233	SECRET AGENT.....*												
03-21-53	497574 1345382	48	AI DAUGHTERS-14	103	8,757	5.4	470						
AI STUD, 35-02	LISTED, 08-65	47	WITH HERD-MATES	102	8,815	5.4	474		12	8,661	455	132	15
STATES-	12,14,16,21,23,34,35, 46	21 21	NDN-AI DAUGHTERS WITH HERD-MATES	62 56	9,752 9,857	5.5 5.5	534 540		37	9,941	533		
553245	GIPSY TYCCON OF SYNDICATE FARM.....*												
05-14-52	460788 1390691	102	AI DAUGHTERS-25*	102	8,290	5.0	411						
AI STUD, 35-75	LISTED, 02-66	101	WITH HERD-MATES	101	8,277	5.0	410		43	8,800	437	395-	22-
STATES-	12,13,21,23,31,32,34, 35,55,56,57,58,64,74	38 38	NDN-AI DAUGHTERS WITH HERD-MATES	145 144	9,686 9,683	5.1 5.1	496 495		21	9,650	497		
555540	BRIGHAM CONFIDENT JUAN.....*												
01-22-53	470945 1796173	290	NDN-AI DAUS.-01	290	10,182	5.3	537						
AI STUD, 93-05	LISTED, 02-66	290	WITH HERD-MATES	290	10,182	5.3	537		339 DIFF.	10,306 124-	548 11-		
STATES-	93												
555597	BELMONT ROYAL AIM.....*												
10-25-52	526995 1891348	45	AI DAUGHTERS-22	77	7,421	5.3	390						
AI STUD, 41-01	LISTED, 02-66	43	WITH HERD-MATES	75	7,365	5.3	390		12	8,020	420	466-	20-
STATES-	32,41,42,45												
	17 NDN-AI DAUGHTERS	60		60	7,961	5.5	438						
	16 WITH HERD-MATES	58		58	7,921	5.5	439		8	7,951	429		
556063	SABLE-S COMMAND.....*												
10-20-53	457631 1556824	27	NDN-AI DAUS.-10	63	11,951	6.1	733						
AI STUD, 34-01	LISTED, 02-66	27	WITH HERD-MATES	62	11,881	6.1	727		14 DIFF.	10,794 1,087	608 119		
STATES-	14,31,34,35,52,74,85												
556095	MARLU MILADY-S SUPREME.....*												
10-16-53	506147 1858269	487	AI DAUGHTERS-25*	948	9,469	5.2	497						
AI STUD, 91-13	LISTED, 02-66	439	WITH HERD-MATES	853	9,447	5.2	495		14	9,073	489	430	11
STATES-	81,82,88,91,92												
556178*												
	5 NDN-AI DAUS.-02	5		5	5,904	5.0	298						
STATES-	42 5 WITH HERD-MATES	5		5	5,904	5.0	298		8 DIFF.	6,890 986-	347 49-		
556242	BRIGHAM ADVANCER JAN.....*												
12-01-53	544480 1710000	25	AI DAUGHTERS-14	34	9,026	5.5	495						
AI STUD, 35-05	LISTED, 02-66	25	WITH HERD-MATES	34	9,026	5.5	495		17	9,105	482	0	11
STATES-	33,35,41,42,48												
	33 NDN-AI DAUGHTERS	102		102	9,388	5.0	473						
	33 WITH HERD-MATES	101		101	9,365	5.0	472		8	9,581	479		
556243	BRIGHAM ADVANCER JUSTIN.....*												
12-10-53	544480 1740010	27	NDN-AI DAUS.-06	68	10,005	5.5	547						
AI STUD, 35-75	LISTED, 02-66	27	WITH HERD-MATES	68	10,005	5.5	547		21 DIFF.	10,493 488-	569 22-		
STATES-	21,58,74												
556638*												
	5 NDN-AI DAUS.-02	7		7	7,328	4.9	360						
STATES-	42 5 WITH HERD-MATES	7		7	7,328	4.9	360		10 DIFF.	7,347 19-	373 13-		

SIRE OF DHIA DAUGHTERS

JERSEY	AV. PRODUCTION OF OAU.				AOJ. HERD-MATES AV.			PREO. OIFF.	
	RECOROS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
556902									
STATES- 51	5	NON-AI OAU.-03	9	7,016	5.3	373			
	5	WITH HERD-MATES	8	6,927	5.3	368	9	6,671	340
							OIFF.	256	28
557682 SECRET WELCOME RELIANCE.....*									
12-27-53 497574 1556676	32	AI DAUGHTERS-17	32	10,569	5.0	524			
AI STUO, 12-03 LISTED, 02-66	32	WITH HERD-MATES	32	10,569	5.0	524	16	10,043	521
STATES- 12,13								430	8
	30	NON-AI DAUGHTERS	106	11,221	5.2	578			
	30	WITH HERD-MATES	106	11,221	5.2	578	10	10,299	546
557868 THE PATHFINDER.....*									
12-01-53 457631 1821592	254	AI DAUGHTERS-25*	312	8,288	5.1	425			
AI STUO, 31-01 LISTED, 02-66	250	WITH HERD-MATES	308	8,307	5.1	426	20	8,782	453
STATES- 13,14,22,23,31,32,33,								396-	22-
35,41,43,47,52,55,57,58,65,72,	48	NON-AI DAUGHTERS	115	9,341	5.4	504			
74,82,84,86,91,92	48	WITH HERD-MATES	115	9,341	5.4	504	41	9,437	515
558463 DUTCH SHAOILANE REPEAT.....*									
02-01-53 536673 1696890	24	AI DAUGHTERS-08	49	8,991	5.1	463			
AI STUO, 93-05 LISTED, 02-66	18	WITH HERD-MATES	41	9,145	5.2	474	7	8,424	452
STATES- 82,93								346	12
558752 COIFFURE-S BLONOE JESTER.....*									
02-27-54 448354 1623760	110	AI DAUGHTERS-25*	185	7,341	5.4	393			
AI STUO, 65-02 LISTED, 02-66	107	WITH HERD-MATES	181	7,378	5.4	395	27	7,733	400
STATES- 57,64,65,74								348-	6-
560558 FAVORITE ADVANCER SIGNAL.....*									
03-15-54 493165 1868502	15	NON-AI OAU.-04	47	10,755	5.4	585			
AI STUO, 93-10 LISTED, 02-66	15	WITH HERD-MATES	47	10,755	5.4	585	6	9,847	552
STATES- 35,92							OIFF.	908	33
560800 CORALAD-S OREAM 80Y.....*									
04-30-53 540908 1811928	170	AI DAUGHTERS-25*	184	10,009	5.1	511			
AI STUO, 35-75 LISTED, 02-66	169	WITH HERD-MATES	183	10,016	5.1	512	29	8,944	461
STATES- 13,21,32,35,41,42,43,								1,015	49
48,57,58,63,64,65,73,74,81,82,	7	NON-AI DAUGHTERS	30	10,869	5.9	638			
85,86,87,91,92,93	7	WITH HERD-MATES	30	10,869	5.9	638	10	10,376	598
561304 V. LINDA-S OANOY ADVANCER.....*									
12-19-53 524581 1562314	305	AI DAUGHTERS-25*	565	8,766	5.5	486			
AI STUO, 16-04 LISTED, 02-66	291	WITH HERD-MATES	534	8,753	5.6	486	14	8,970	471
STATES- 11,12,13,14,16,21,22,								141-	19
55,56									
561487 BRIGHAM CONFIDENT KELIAN.....*									
09-20-54 470945 1594635	149	AI DAUGHTERS-25*	291	8,405	5.2	435			
AI STUO, 33-03 LISTED, 02-66	144	WITH HERD-MATES	274	8,410	5.2	436	16	8,302	429
STATES- 11,12,13,14,21,22,23,								94	6
31,32,33,34,35,41,42,43,46,47,									
48,54,56,57,58,61,63,65,73,82,									
87,88,93									
561701 FAVORITE SELECTION.....*									
08-23-54 473215 1604630	53	AI DAUGHTERS-16	54	9,932	4.9	485			
AI STUO, 93-05 LISTED, 02-66	53	WITH HERD-MATES	54	9,932	4.9	485	27	8,847	456
STATES- 42,73,82,86,88,91,93								826	23
	6	NON-AI DAUGHTERS	6	8,755	5.3	460			
	6	WITH HERD-MATES	6	8,755	5.3	460	13	9,122	464
562315 SURVILLE HARVEST PRIOE.....*									
11-09-54 503523 1760788	193	AI DAUGHTERS-25*	409	8,647	5.2	452			
AI STUO, 31-02 LISTED, 02-66	192	WITH HERD-MATES	407	8,655	5.2	453	14	8,364	434
STATES- 22,23,31,32,43,55,56,								268	18
57,58,64,72									
562571 SECRET WELCOME MAGICIAN.....*									
01-22-55 497574 1524579	72	AI DAUGHTERS-25*	72	8,623	5.2	447			
AI STUO, 23-09 LISTED, 02-66	72	WITH HERD-MATES	72	8,623	5.2	447	18	9,099	477
STATES- 12,14,16,21,22,23,50,								310-	20-
52	48	NON-AI DAUGHTERS	150	9,868	5.4	536			
	48	WITH HERD-MATES	150	9,868	5.4	536	21	10,079	542
562967 JEAN-S ROYAL ECHO CHAR-LYNN.....*									
09-24-54 498154 2018617	38	NON-AI DAUS.-01	91	11,068	5.2	578			
AI STUO, 93-01 LISTED, 02-66	36	WITH HERD-MATES	89	10,998	5.3	578	25	10,422	539
STATES- 93							OIFF.	576	39
563278 ADVANCERS CONTRIBUTION.....*									
09-08-54 550331 1390835	133	AI DAUGHTERS-25*	272	7,721	5.2	404			
AI STUO, 51-02 LISTED, 02-66	128	WITH HERD-MATES	254	7,658	5.2	402	12	7,363	380
STATES- 21,23,31,42,50,51,54,								173	16
56,74	7	NON-AI DAUGHTERS	15	7,504	5.4	404			
	7	WITH HERD-MATES	15	7,504	5.4	404	20	7,819	406
563414 BRUCE ECLIPSE ADALARD.....*									
09-25-53 460497 1709950	57	AI DAUGHTERS-25*	102	8,689	5.2	454			
AI STUO, 21-01 LISTED, 02-66	56	WITH HERD-MATES	97	8,656	5.2	451	18	8,729	454
STATES- 13,21,23								23-	0
563813 FAVORITE ADVANCERS TRISTRAM.....*									
02-03-55 493165 1636078	47	NON-AI DAUS.-11	96	11,438	5.5	629			
AI STUO, 33-03 LISTED, 02-66	47	WITH HERD-MATES	96	11,438	5.5	629	55	10,765	569
STATES- 13,14,21,63							DIFF.	673	60

SIRE OF DHIA DAUGHTERS

JERSEY					AV. PRODUCTION OF DAU.				ADJ. HERO-MATES AV.			PRED. DIFF.	
	RECORDS	MILK	TEST	FAT	NUMBER	L8	%	L8	NUMBER	MILK	FAT	MILK	FAT
563945 SECRET AMBASSADOR.....*													
03-19-55 497574 1345382 173 AI DAUGHTERS-25*	311	9,430	4.9	465									
AI STUO, 21-01 LISTED, 02-66 169 WITH HERD-MATES	300	9,448	4.9	466					22	8,864	461	571	8
STATES- 13,21,23,56													
563955 TENN. APRIL A. E. 8. LAO.....													
12-30-54 497098 1647416 7 AI DAUGHTERS-03	7	8,029	4.8	386									
AI STUO, 63-01 LISTED, 02-66 6 WITH HERD-MATES	6	8,487	4.8	410					17	8,548	413	9-	1-
STATES- 63													
36 NON-AI DAUGHTERS	78	9,885	4.9	482									
31 WITH HERD-MATES	73	9,988	4.9	491					27	9,710	473		
563966													
STATES- 31,55	5	6,795	5.2	351									
5 NON-AI DAUS.-03	8	6,795	5.2	351					35	7,762	396		
5 WITH HERD-MATES	8	6,795	5.2	351					DIFF.	967-	45-		
564043 MARLU FAVORITE MILKMAN.....*													
09-18-54 550331 1535135 49 AI DAUGHTERS-22	66	8,084	5.2	420									
AI STUO, 31-02 LISTED, 02-66 49 WITH HERD-MATES	66	8,084	5.2	420					21	8,742	439	437-	13-
STATES- 31,32,56,58,64													
15 NON-AI DAUGHTERS	39	8,695	5.0	437									
15 WITH HERD-MATES	39	8,695	5.0	437					8	8,679	431		
564125 LIBERATORS BASILEUS.....*													
05-09-54 544382 1441635 145 AI DAUGHTERS-25*	146	9,136	5.1	468									
AI STUO, 35-75 LISTED, 02-66 145 WITH HERD-MATES	146	9,136	5.1	468					28	8,738	451	387	18
STATES- 12,13,21,22,23,31,32,													
33,34,35,41,55,57,58,64,65,73,	28	9,295	5.2	485									
74,81,82,87,88,92	28	9,295	5.2	485					18	9,072	481		
28 WITH HERD-MATES	49	9,295	5.2	485									
564265 TEFFIA-S PRINCE.....*													
01-01-55 553475 1585455 33 NON-AI DAUS.-12	73	7,742	5.3	414									
AI STUO, 33-03 LISTED, 02-66 33 WITH HERD-MATES	73	7,742	5.3	414					43	8,626	430		
STATES- 35,41,63,65									DIFF.	884-	16-		
564654 TRISTRAM BASIL BRAVD.....*													
06-19-54 435991 1223303 39 AI DAUGHTERS-08	46	8,107	4.7	380									
AI STUO, 72-01 LISTED, 02-66 38 WITH HERD-MATES	45	8,114	4.7	380					38	7,461	359	372	9
STATES- 41,57,72													
14 NON-AI DAUGHTERS	23	9,167	5.0	460									
14 WITH HERD-MATES	22	9,153	5.0	460					17	8,373	433		
564830 R. C. D. C. BASIL WORLD RECDRO.....*													
02-01-55 486937 1720459 61 AI DAUGHTERS-25	108	7,767	5.2	402									
AI STUO, 65-02 LISTED, 02-66 61 WITH HERD-MATES	108	7,767	5.2	402					31	7,903	407	133-	5-
STATES- 57,64,65,74,85													
565027 CHAMPIONS SULTAN.....*													
02-22-55 519828 1823982 15 AI DAUGHTERS-12	19	7,433	5.3	392									
AI STUO, 61-01 LISTED, 02-66 15 WITH HERD-MATES	19	7,433	5.3	392					17	8,201	425	333-	14-
STATES- 61,88,91,92,93													
19 NON-AI DAUGHTERS	48	8,671	5.5	475									
19 WITH HERD-MATES	48	8,671	5.5	475					22	9,472	500		
565028 CHAMPION-S TRIUMPH.....*													
04-09-55 519828 1912145 244 AI DAUGHTERS-25*	407	8,614	5.3	454									
AI STUO, 52-01 LISTED, 02-66 240 WITH HERD-MATES	396	8,605	5.3	454					27	8,748	458	91-	1-
STATES- 23,51,52,54,55,82,92													
565303 BEACON GOLDEN JESTER.....*													
05-24-54 553475 1652667 120 AI DAUGHTERS-25*	154	8,357	5.2	438									
AI STUO, 34-01 LISTED, 02-66 117 WITH HERD-MATES	151	8,346	5.3	439					24	8,263	433	67	6
STATES- 33,34,35,41,42,48,55,													
56	83	8,881	5.2	466									
83 WITH HERD-MATES	208	8,881	5.2	466					29	8,758	454		
565987 SPARKLING PAR EXCELLENCE.....*													
08-01-55 473472 1503362 34 AI DAUGHTERS-16	39	8,660	5.4	470									
AI STUO, 41-25 LISTED, 02-66 33 WITH HERD-MATES	37	8,741	5.4	474					12	8,795	449	4-	17
STATES- 32,35,41,42,47													
17 NON-AI DAUGHTERS	46	8,973	5.8	520									
17 WITH HERD-MATES	46	8,973	5.8	520					10	7,866	436		
567009 CHAMPIONS LEADER.....*													
04-04-55 519828 1912149 17 NON-AI DAUS.-04	22	9,506	5.4	518									
AI STUO, 35-02 LISTED, 02-66 17 WITH HERD-MATES	22	9,506	5.4	518					23	9,092	488		
STATES- 35,43,48,74									DIFF.	414	30		
567011 ZANALUAS PRINCE.....*													
03-23-54 010123838 010221530 39 NON-AI DAUS.-03	105	8,818	5.2	459									
AI STUO, 35-05 LISTED, 02-66 39 WITH HERD-MATES	105	8,818	5.2	459					5	8,808	448		
STATES- 31,32,35									DIFF.	10	11		
567370 MARLU FASHION LEADER.....*													
11-13-54 552974 1914089 555 AI DAUGHTERS-25*	680	9,325	5.1	478									
AI STUO, 33-03 LISTED, 02-66 552 WITH HERD-MATES	677	9,317	5.1	477					20	8,756	452	584	27
STATES- 11,12,13,14,16,21,22,													
23,31,32,33,34,35,41,42,43,46,	47	10,491	5.1	536									
47,48,51,52,54,55,56,58,61,63,	47	10,491	5.1	536					16	9,294	487		
64,65,71,72,73,74,82,87,88,91,													
92,93													
567401 BRAMPTON NOBLE JESTER.....*													
06-13-55 448354 1682987 20 NON-AI DAUS.-03	30	9,506	5.1	485									
AI STUO, 72-01 LISTED, 02-66 20 WITH HERD-MATES	30	9,506	5.1	485					8	9,110	473		
STATES- 65,92									DIFF.	396	12		

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREO. DIFF.	
JERSEY				RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	AV. MILK LB	AV. FAT LB	MILK LB	FAT LB
574466*											
STATES- 87		5 NON-AI DAUS.-01		5	10,002	4.7	466					
		5 WITH HERD-MATES		5	10,002	4.7	466	18	9,514	462		
								DIFF.	488	4		
57447C SHADEWELL VICTORY LAD.....*												
01-20-57 473215 1860681	22	AI DAUGHTERS-14		22	10,135	5.1	521					
AI STUD, 12-03 LISTED, 02-66	22	WITH HERD-MATES		22	10,135	5.1	521	28	9,555	497	368	16
STATES- 12,13												
		14 NON-AI DAUGHTERS		25	9,542	5.3	510					
		14 WITH HERD-MATES		25	9,542	5.3	510	10	9,183	484		
574629 MARLU SUPREME FAVORITE.....*												
09-24-56 506147 1821609	237	AI DAUGHTERS-25*		424	8,394	5.1	427					
AI STUD, 61-01 LISTED, 02-66	233	WITH HERD-MATES		416	8,420	5.1	428	17	8,298	422	111	6
STATES- 31,32,33,42,56,57,61, 63,65,72,84												
574676 GOLDEN COMMAND.....*												
02-12-57 556092 1578755	37	NON-AI DAUS.-17		88	8,631	5.3	455					
AI STUD, 31-02 LISTED, 02-66	37	WITH HERD-MATES		88	8,631	5.3	455	11	8,826	453		
STATES- 32,33,34,42,43,47,48, 73								DIFF.	195-	2		
574752 PATHFINDER-S PIDNEER.....*												
12-23-56 557868 1796086	46	NON-AI DAUS.-13		90	8,836	5.1	454					
AI STUD, 93-10 LISTED, 02-66	46	WITH HERD-MATES		89	8,844	5.1	453	41	8,651	453		
STATES- 33,41,42,52,92								DIFF.	193			
574796 FAVORITE ADVANCERS AIM.....*												
11-18-55 493165 1531054	32	NON-AI DAUS.-10		80	8,309	5.1	427					
LISTED, 08-63	32	WITH HERD-MATES		80	8,309	5.1	427	14	8,383	433		
STATES- 33,41,42,84								DIFF.	74-	6-		
574994 BRIGHAM ADVANCER NELSDN.....*												
03-23-57 544480 1809498	64	AI DAUGHTERS-25*		150	8,953	5.2	469					
AI STUD, 21-01 LISTED, 02-66	63	WITH HERD-MATES		148	8,948	5.3	471	22	9,000	471	13	4
STATES- 12,21												
575184 AMBASSADOR.....*												
09-22-56 563805 1533673	240	AI DAUGHTERS-25*		240	9,361	5.0	472					
AI STUD, 31-01 LISTED, 02-66	239	WITH HERD-MATES		239	9,368	5.0	473	22	8,925	460	465	15
STATES- 21,23,31,33,34,35,41, 42,48,51,55,56,64,65,74,84,91	8	NON-AI DAUGHTERS		15	10,236	5.3	542					
	8	WITH HERD-MATES		15	10,236	5.3	542	15	8,764	460		
5759C5 DAK KNCLL RECORDS.....*												
11-04-56 537666 1954631	77	AI DAUGHTERS-25*		186	8,764	5.0	435					
AI STUD, 31-02 LISTED, 02-66	76	WITH HERD-MATES		185	8,785	5.0	436	20	8,720	451	84	9-
STATES- 31,56,58												
576049 JESTER J FAVORITE.....*												
11-18-56 504013 1535136	12	NON-AI DAUS.-02		29	7,884	5.3	416					
AI STUD, 33-03 LISTED, 02-66	12	WITH HERD-MATES		29	7,884	5.3	416	6	7,912	430		
STATES- 21,47								DIFF.	28-	14-		
576127 SECRET MARKSMAN.....*												
05-22-57 497574 2029033	17	NON-AI DAUS.-07		28	11,443	5.6	639					
AI STUD, 35-75 LISTED, 02-66	17	WITH HERD-MATES		28	11,443	5.6	639	61	10,743	560		
STATES- 13,14,16,42,52,57								DIFF.	700	79		
576698*											
STATES- 13,74		5 NON-AI DAUS.-02		9	9,469	5.0	473					
		5 WITH HERD-MATES		9	9,469	5.0	473	42	9,103	466		
								DIFF.	366	7		
577026 MARLU MANNEQUIN MILESTONE.....*												
12-24-56 563805 2092105	29	AI DAUGHTERS-20		37	8,921	5.3	473					
AI STUD, 41-25 LISTED, 02-66	28	WITH HERD-MATES		36	8,989	5.3	477	17	8,346	438	377	23
STATES- 42,43,48,56,74												
		21 NON-AI DAUGHTERS		66	9,613	5.5	526					
		21 WITH HERD-MATES		66	9,613	5.5	526	17	8,885	474		
577042 BRIGHAM CONFIDENT NEVILLE.....*												
05-30-57 470945 1447846	125	AI DAUGHTERS-25*		165	9,003	5.1	462					
AI STUD, 31-02 LISTED, 02-66	125	WITH HERD-MATES		164	9,002	5.1	462	26	8,897	458	141	6
STATES- 23,31,32,52,56,57,58, 64												
577237 CHAMPIONS DOUBLE.....*												
04-17-56 519828 1823982	146	AI DAUGHTERS-25*		263	9,571	5.4	514					
AI STUD, 91-13 LISTED, 02-66	146	WITH HERD-MATES		262	9,568	5.4	514	21	9,502	489	163	27
STATES- 82,87,88,92												
577256 ILLINDIS CENTRAL DDN HEAD 8.R.....*												
09-11-56 D10122844 D10237578	13	AI DAUGHTERS-04		21	8,812	4.7	415					
AI STUD, 63-03 LISTED, 02-66	13	WITH HERD-MATES		21	8,812	4.7	415	23	8,522	424	122	4-
STATES- 63												
577388 TRUE TRAIL BLAZER.....*												
05-05-57 503554 1836567	76	AI DAUGHTERS-25*		167	8,876	5.4	479					
AI STUD, 21-01 LISTED, 02-66	74	WITH HERD-MATES		164	8,844	5.4	478	17	8,944	464	29-	14
STATES- 13,21,23,74												
577474 SYBIL CARLETTA-S FINALIST.....*												
05-25-57 480642 1563732	42	AI DAUGHTERS-25*		89	10,117	5.1	515					
AI STUD, 12-03 LISTED, 02-66	40	WITH HERD-MATES		85	10,246	5.1	524	28	9,292	481	701	33
STATES- 12,13,58												
577887*											
STATES- 48		6 NON-AI DAUS.-04		6	6,833	5.7	392					
		6 WITH HERD-MATES		6	6,833	5.7	392	9	8,192	430		
								DIFF.	1,359-	38-		

JERSEY				AV. RECORDS	PRODUCTION OF MILK			TEST %	AV. FAT L8	AV. NO. OF DAUGHTERS	HERD-MATES			AV. MILK L8	AV. FAT L8	PREV. MILK L8	DIFF. FAT L8
584475	*****			6	NON-AI DAUS.-02	6	9,205	5.2	478								
STATES-	88,91	6	WITH HERD-MATES	6		6	9,205	5.2	478		37 DIFF.	7,995 1,210	419 59				
584557	*****			5	NON-AI DAUS.-01	6	6,351	4.8	306								
STATES-	57	5	WITH HERD-MATES	6		6	6,351	4.8	306		51 DIFF.	7,645 1,294	368 62				
584562	MARLU MILESTONE CRUSADER*****			125	AI DAUGHTERS-25*	187	8,925	5.3	470								
08-28-58	563805	1748310		124	WITH HERD-MATES	166	8,908	5.3	470		24	8,546	447		331	22	
AI STUD,	34-01	LISTED, 02-66															
STATES-	11,31,32,34,56,57																
584664	ATOMIC LIBERATOR*****			66	AI DAUGHTERS-25*	91	9,981	5.5	547								
10-13-58	564125	2014945		65	WITH HERD-MATES	87	9,992	5.5	548		17	9,629	522		378	28	
AI STUD,	91-13	LISTED, 02-66															
STATES-	81,82,91																
584735	COUNT BASILEUS*****			103	AI DAUGHTERS-25*	147	8,070	5.3	428								
11-04-58	528332	1623579		103	WITH HERD-MATES	147	8,070	5.3	428		21	8,901	460		646	24	
AI STUD,	31-02	LISTED, 02-66															
STATES-	23,31,32,33,42,43,55, 56,58,63,64,71,73																
584858	*****			5	NON-AI DAUS.-03	6	8,547	4.8	414								
STATES-	41	5	WITH HERD-MATES	6			8,547	4.8	414		18 DIFF.	8,581 34	436 22				
584888	*****			5	NON-AI DAUS.-01	5	9,252	5.1	476								
STATES-	14	5	WITH HERD-MATES	5			9,252	5.1	476		18 DIFF.	11,014 1,762	560 84				
585122	*****			5	NON-AI DAUS.-01	5	10,794	5.3	569								
STATES-	13	5	WITH HERD-MATES	5			10,794	5.3	569		9 DIFF.	9,374 1,420	473 96				
585348	SABLE-S WELCCME SENSATION*****			176	AI DAUGHTERS-25*	327	9,569	5.1	489								
07-07-58	513246	2057351		173	WITH HERD-MATES	321	9,589	5.1	490		24	9,162	476		459	17	
AI STUD,	21-01	LISTED, 02-66															
STATES-	11,13,14,21,56																
585367	ECLIPSE ADVANCER ROYALIST*****			52	AI DAUGHTERS-25*	96	8,974	5.2	469								
10-02-58	484019	1709950		52	WITH HERD-MATES	96	8,974	5.2	469		19	8,775	457		177	11	
AI STUD,	21-01	LISTED, 02-66															
STATES-	13,21,57																
585393	MARSHALL FIRECHIEF*****			89	AI DAUGHTERS-25*	130	8,698	5.4	472								
01-28-59	533617	1546856		87	WITH HERD-MATES	126	8,725	5.4	472		20	9,038	474		195	2	
AI STUD,	23-09	LISTED, 02-66															
STATES-	22,23,50																
585427	IMP. LOUISES ROCKET*****			167	AI DAUGHTERS-25*	246											
10-09-54	010008602	010057213		165	WITH HERD-MATES	240	7,539	5.3	398		19	7,674	397		161	1	
AI STUD,	51-02	LISTED, 02-66					7,557	5.3	399								
STATES-	11,13,16,21,22,23,31, 32,33,35,41,42,43,51,52,54,55, 56,61																
585709	*****			5	NON-AI DAUS.-01	9	6,765	5.4	368								
STATES-	87	5	WITH HERD-MATES	9			6,765	5.4	368		16 DIFF.	6,829 64	383 15				
585820	*****			5	NON-AI DAUS.-02	7	7,482	4.9	366								
STATES-	58,64	5	WITH HERD-MATES	7			7,482	4.9	366		55 DIFF.	7,725 243	385 19				
585850	*****			5	NON-AI DAUS.-01	5	8,586	5.5	468								
STATES-	31	5	WITH HERD-MATES	5			8,586	5.5	468		24 DIFF.	7,706 880	417 51				
585893	*****			6	NON-AI DAUS.-01	6	10,952	5.0	548								
STATES-	14	6	WITH HERD-MATES	6			10,952	5.0	548		17 DIFF.	10,603 349	548				
585904	CHAMPION-S TRISTRAM SIR*****			241	AI DAUGHTERS-25*	331	9,318	5.2	481								
06-06-59	519828	1636074		236	WITH HERD-MATES	323	9,290	5.2	480		16	9,144	472		211	12	
AI STUD,	23-09	LISTED, 02-66															
STATES-	21,23,31,56																
585918	LEADER ROYAL NOBLEMAN*****			11	NON-AI DAUS.-02	15	9,565	5.4	518								
02-17-59	567370	1952641		11	WITH HERD-MATES	15	9,565	5.4	518		38 DIFF.	8,850 715	469 49				
AI STUD,	31-02	LISTED, 02-66															
STATES-	43,71																
586036	JESTER NOBLE FAVORITE LEADER*****			38	AI DAUGHTERS-22	57	8,796	5.3	466								
01-11-55	567370	1952641		38	WITH HERD-MATES	57	8,796	5.3	466		15	8,713	459		81	7	
AI STUD,	35-05	LISTED, 02-66															
STATES-	33,35,41,42																
586602	*****			11	NON-AI DAUS.-01	11	9,975	4.9	491								
STATES-	93	11	WITH HERD-MATES	11			9,975	4.9	491		44 DIFF.	9,704 271	501 10				

JERSEY				AV. PRODUCTION OF DAU.	ADJ. HERD-MATES	AV.	PRED. DIFF.					
				RECD RDS	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB		LB	LB	LB	LB
586651 SLEEPER DANDY FILLPAIL.....*												
07-02-58	546993	1711269	8	AI DAUGHTERS-05	13	7,346	5.3	389				
AI STUD, 63-03	LISTED, 02-66	8	WITH HERD-MATES	13	7,346	5.3	389	56	8,728	446	382-	16-
STATES-	63,65											
586681 BEACDN BAS FAULTLESS.....*												
05-27-58	559928	1559584	27	NON-AI DAUS.-02	45	8,257	5.0	412				
AI STUD, 63-01	LISTED, 02-66	27	WITH HERD-MATES	45	8,257	5.0	412	20	8,449	435		
STATES-	63							DIFF.	192-	23-		
586737*												
			5	NON-AI DAUS.-02	7	8,944	5.1	455				
STATES-	32		5	WITH HERD-MATES	7	8,944	5.1	455	9	9,423	470	
								DIFF.	479-	15-		
586854*												
			5	NON-AI DAUS.-01	8	7,613	5.0	380				
STATES-	48		5	WITH HERD-MATES	8	7,613	5.0	380	9	6,932	342	
								DIFF.	681	38		
586913 MARSHALL SECRET DAK.....*												
11-26-58	533617	1975143	31	AI DAUGHTERS-23	49	8,758	5.3	468				
AI STUD, 21-01	LISTED, 02-66	31	WITH HERD-MATES	49	8,758	5.3	468	27	9,056	480	136-	4-
STATES-	11,13,21											
587254 RECD RDS ADVANCER RDCKET.....*												
11-21-58	520485	1760613	79	AI DAUGHTERS-25*	125	8,922	5.2	466				
AI STUD, 21-01	LISTED, 02-66	78	WITH HERD-MATES	124	8,918	5.2	465	24	9,005	468	14-	1
STATES-	11,13,21,23											
587488 MARLU MILESTONE PIDNEER.....*												
04-03-59	563805	1726397	5	AI DAUGHTERS-05	5	9,826	5.5	545				
AI STUD, 91-13	LISTED, 02-66	5	WITH HERD-MATES	5	9,826	5.5	545	23	9,944	523	9	6
STATES-	92											
			8	NON-AI DAUGHTERS	11	10,679	5.1	541				
			8	WITH HERD-MATES	11	10,679	5.1	541	12	9,930	544	
587546 BLUE SPRINGS NDBLE DESIGNER.....*												
10-03-59	582721	1538747	18	NON-AI DAUS.-01	21	7,830	5.0	388				
AI STUD, 63-02	LISTED, 02-66	18	WITH HERD-MATES	21	7,830	5.0	388	4	7,048	356		
STATES-	63							DIFF.	782	32		
587653*												
			6	NON-AI DAUS.-01	6	7,380	5.1	377				
STATES-	48		6	WITH HERD-MATES	6	7,380	5.1	377	1	7,938	375	
								DIFF.	558-	2		
587666 BEACDN WONDERFUL.....*												
07-24-59	503988	2004350	38	AI DAUGHTERS-21	39	9,451	5.3	504				
AI STUD, 91-13	LISTED, 02-66	38	WITH HERD-MATES	39	9,451	5.3	504	19	9,629	518	30-	3-
STATES-	81,82,91											
587736*												
			5	NON-AI DAUS.-03	5	7,962	5.5	436				
STATES-	31		5	WITH HERD-MATES	5	7,962	5.5	436	20	9,590	499	
								DIFF.	1,628-	63-		
587843*												
			7	NON-AI DAUS.-01	7	9,141	5.1	467				
STATES-	56		7	WITH HERD-MATES	7	9,141	5.1	467	17	8,481	445	
								DIFF.	660	22		
587850*												
			5	NON-AI DAUS.-01	5	10,966	5.2	572				
STATES-	33		5	WITH HERD-MATES	5	10,966	5.2	572	8	8,484	474	
								DIFF.	2,482	98		
587884 BASILEUS SUPREME.....*												
03-03-59	580237	2097078	31	NON-AI DAUS.-03	46	9,601	5.2	502				
AI STUD, 35-75	LISTED, 02-66	31	WITH HERD-MATES	46	9,601	5.2	502	79	9,196	483		
STATES-	74							DIFF.	405	19		
587947 MISTER PRODUCTION.....*												
11-21-59	557868	2074985	34	AI DAUGHTERS-22	37	8,238	5.5	449				
AI STUD, 91-13	LISTED, 02-66	34	WITH HERD-MATES	37	8,238	5.5	449	17	9,378	492	650-	23-
STATES-	82,85,87,92											
588022 SY8IL DWL EXCELLENCY PERCY.....*												
09-21-59	502113	2100490	69	AI DAUGHTERS-25*	80	8,871	5.2	464				
AI STUD, 11-01	LISTED, 02-66	68	WITH HERD-MATES	79	8,873	5.2	464	20	9,105	471	118-	2-
STATES-	11											
588046*												
			5	NON-AI DAUS.-03	6	8,662	5.5	475				
STATES-	33		5	WITH HERD-MATES	6	8,662	5.5	475	7	9,476	487	
								DIFF.	814-	12-		
588092 DANDY FAVDR COMMANDO.....*												
01-26-59	556096	1824029	9	NON-AI DAUS.-01	13	10,167	4.6	467				
AI STUD, 65-02	LISTED, 02-66	9	WITH HERD-MATES	13	10,167	4.6	467	70	8,991	424		
STATES-	74							DIFF.	1,176	43		
588103*												
			7	NON-AI DAUS.-04	7	10,450	4.9	510				
STATES-	11,13		7	WITH HERD-MATES	7	10,450	4.9	510	24	10,184	521	
								DIFF.	266	11-		
588400 BRIARCLIFF-S DANDY LAD.....*												
07-20-59	502323	1513686	19	AI DAUGHTERS-14	21	9,128	5.2	473				
AI STUD, 11-01	LISTED, 02-66	19	WITH HERD-MATES	21	9,128	5.2	473	17	9,339	488	53-	4-
STATES-	11											

SIRE OF DHIA DAUGHTERS

JERSEY		AV. PRODUCTION OF				ADJ. HERO-MATES AV.			PREC. DIFF.	
		RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
		NUMBER	L8	%	L8	NUMBER	L8	L8	L8	L8
588449*									
STATES- 65	5 NON-AI DAUS.-01	5	8,622	4.2	358					
	5 WITH HERD-MATES	5	8,622	4.2	358	12	6,918	315		
						DIFF.	1,704	43		
588493*									
STATES- 33,35	6 NON-AI DAUS.-02	7	6,293	5.8	363					
	6 WITH HERD-MATES	7	6,293	5.8	363	16	7,327	368		
						DIFF.	1,034-	5-		
588508*									
STATES- 42,47	6 NON-AI DAUS.-04	6	8,330	5.1	427					
	6 WITH HERD-MATES	6	8,330	5.1	427	17	8,747	458		
						DIFF.	417-	31-		
588576*									
STATES- 65	5 NON-AI DAUS.-01	6	6,864	4.5	306					
	5 WITH HERD-MATES	6	6,864	4.5	306	32	6,786	309		
						DIFF.	78	3-		
588641*									
STATES- 56,61	5 NON-AI DAUS.-04	5	6,594	5.3	349					
	5 WITH HERD-MATES	5	6,594	5.3	349	22	6,564	330		
						DIFF.	30	19		
588761*									
STATES- 14	5 NON-AI DAUS.-01	6	7,881	5.2	409					
	5 WITH HERD-MATES	6	7,881	5.2	409	8	9,056	442		
						DIFF.	1,175-	33-		
588834	MARLU MILESTONE JUPITER.....*									
06-29-59	563805 1858255	108	AI DAUGHTERS-25*	138	9,196	5.3	484			
AI STUD, 21-01 LISTED, 02-66	107 WITH HERD-MATES	137	9,168	5.3	483	23	9,158	477	80	9
STATES- 13,21,23,56										
588835	MARLU MILADY EPIC.....*									
07-06-59	550331 2092114	15	NON-AI DAUS.-06	20	9,827	5.6	553			
AI STUD, 33-03 LISTED, 02-66	15 WITH HERD-MATES	20	9,827	5.6	553	33	9,749	513		
STATES- 23,34,50,51,55						DIFF.	78	40		
588974	MILADYS DESERT PATTERN.....*									
04-10-59	552974 2092108	11	AI DAUGHTERS-05	12	9,615	5.3	512			
AI STUD, 93-01 LISTED, 02-66	11 WITH HERD-MATES	12	9,615	5.3	512	39	9,535	507	72	5
STATES- 93										
589000	SABLE-S GOLDEN LAD.....*									
06-19-59	580237 2188449	50	AI DAUGHTERS-25*	57	8,914	5.7	511			
AI STUD, 91-13 LISTED, 02-66	48 WITH HERD-MATES	54	8,917	5.7	511	16	9,422	498	278-	14
STATES- 13,32,81,88,91										
589069*									
STATES- 22,57	6 NON-AI DAUS.-03	6	11,080	5.7	634					
	6 WITH HERD-MATES	6	11,080	5.7	634	19	11,585	648		
						DIFF.	505-	14-		
589166	SECRET TWINKLING VICTOR.....*									
11-07-59	497574 1682914	13	NON-AI DAUS.-01	18	10,261	5.1	525			
AI STUD, 42-02 LISTED, 02-66	13 WITH HERD-MATES	18	10,261	5.1	525	5	8,973	472		
STATES- 42						DIFF.	1,288	53		
589390	IMP. ITASKA-S FILLPAIL REVIVER.....*									
12-15-59	010008611 010057693	56	AI DAUGHTERS-25*	63	7,802	5.2	408			
AI STUD, 51-02 LISTED, 02-66	55 WITH HERD-MATES	62	7,794	5.2	408	29	8,380	434	424-	18-
STATES- 14,21,23,33,43,51,52, 54,56,72,74,82,92										
589458*									
STATES- 21	6 NON-AI DAUS.-01	8	8,503	5.4	462					
	5 WITH HERD-MATES	7	8,217	5.4	443	18	9,443	498		
						DIFF.	1,226-	55-		
589477	BROADMOR LIBERATOR.....*									
12-14-59	010124304 2093213	62	AI DAUGHTERS-25*	77	9,179	5.3	484			
AI STUD, 11-01 LISTED, 02-66	61 WITH HERD-MATES	76	9,202	5.3	485	21	9,195	480	72	8
STATES- 11,55										
589497	AMBASSADOR RUBY-S PRINCE.....*									
10-27-59	571911 2261161	7	AI DAUGHTERS-06	7	8,691	4.9	428			
AI STUD, 21-01 LISTED, 02-66	7 WITH HERD-MATES	7	8,691	4.9	428	21	9,114	468	89-	9-
STATES- 21										
	15 NON-AI DAUGHTERS	24	8,693	5.2	453					
	15 WITH HERD-MATES	24	8,693	5.2	453	35	8,825	473		
589638*									
STATES- 73	7 NON-AI DAUS.-01	8	6,904	5.0	342					
	7 WITH HERD-MATES	8	6,904	5.0	342	4	7,443	345		
						DIFF.	539-	3-		
589943	COUNT 8. J. A.....*									
11-12-59	528332 1623579	30	AI DAUGHTERS-15	35	8,280	5.6	461			
AI STUD, 91-13 LISTED, 02-66	30 WITH HERD-MATES	35	8,280	5.6	461	19	9,336	487	572-	12-
STATES- 91										
590345	MARLU ANSDM EMBLEM.....*									
06-10-60	584285 2195904	26	AI DAUGHTERS-23	26	8,562	5.1	438			
AI STUD, 21-01 LISTED, 02-66	26 WITH HERD-MATES	26	8,562	5.1	438	22	9,328	485	375-	23-
STATES- 21										
590346*									
STATES- 13	5 NON-AI DAUS.-02	6	8,400	5.5	463					
	5 WITH HERD-MATES	6	8,400	5.5	463	19	8,864	481		
						DIFF.	464-	18-		

SIRE OF DHIA DAUGHTERS

JERSEY				AV. PRODUCTION OF DAU.	ADJ. HERD-MATES	AV.	PRED. DIFF.
				RECORDS MILK TEST FAT	AV. MILK	FAT	MILK FAT
				NUMBER LB % LB	NUMBER LB	Lb	Lb Lb
590378*						
STATES- 21	5 NON-AI DAUS.-01	5	7,152	5.2	375		
	5 WITH HERD-MATES	5	7,152	5.2	375	15	7,252 371
						DIFF. 100-	4
590409	.....					
STATES- 21	6 NON-AI DAUS.-01	7	6,970	4.8	338		
	6 WITH HERD-MATES	7	6,970	4.8	338	14	7,977 385
						DIFF. 1,007-	47-
590458*						
STATES- 63	5 NON-AI DAUS.-01	6	6,869	5.6	383		
	5 WITH HERD-MATES	6	6,869	5.6	383	42	6,908 347
						DIFF. 39-	36
590777	WONDERFUL ETTA COMBINATION.....*						
08-23-59	573454 1631376 22 NON-AI DAUS.-05	34	8,725	5.0	440		
	LISTED, 08-65 22 WITH HERD-MATES	34	8,725	5.0	440	13	8,596 447
STATES- 35,42						DIFF. 129	7-
590868*						
STATES- 34	6 NON-AI DAUS.-01	8	7,464	5.1	379		
	6 WITH HERD-MATES	8	7,464	5.1	379	23	8,000 416
						DIFF. 536-	37-
590881*						
STATES- 33,35	5 NON-AI DAUS.-04	6	9,340	5.7	532		
	5 WITH HERD-MATES	6	9,340	5.7	532	11	8,708 458
						DIFF. 632	74
590895*						
AI STUD, 23-05	7 AI DAUGHTERS-06	7	9,501	5.2	491		
STATES- 23	7 WITH HERD-MATES	7	9,501	5.2	491	15	9,439 499
							45 0
590930*						
STATES- 93	6 NON-AI DAUS.-01	6	10,510	5.4	565		
	6 WITH HERD-MATES	6	10,510	5.4	565	50	9,758 513
						DIFF. 752	52
590935	DANDY JIM.....*						
11-29-59	578890 2183921 22 AI DAUGHTERS-18	25	9,137	4.9	451		
AI STUD, 16-04	LISTED, 02-66 22 WITH HERD-MATES	25	9,137	4.9	451	15	9,097 480
STATES- 12,13,14,16							62 13-
590961*						
STATES- 41	5 NON-AI DAUS.-02	5	8,272	5.9	491		
	5 WITH HERD-MATES	5	8,272	5.9	491	10	9,100 528
						DIFF. 828-	37-
591147	LEADER SOPHIA SIR.....*						
02-28-60	567370 1505315 13 AI DAUGHTERS-13	13	9,061	5.1	461		
AI STUD, 33-03	LISTED, 02-66 13 WITH HERD-MATES	13	9,061	5.1	461	33	8,740 442
STATES- 13,21,34,61,63,65,71,73,92							143 8
591148*						
STATES- 33	5 NON-AI DAUS.-01	5	10,366	6.0	622		
	5 WITH HERD-MATES	5	10,366	6.0	622	18	9,418 540
						DIFF. 948	82
591167*						
STATES- 23	6 NON-AI DAUS.-01	6	9,435	5.2	488		
	6 WITH HERD-MATES	6	9,435	5.2	488	20	11,257 546
						DIFF. 1,822-	58-
591201*						
STATES- 48	6 NON-AI DAUS.-02	7	6,953	5.4	375		
	6 WITH HERD-MATES	7	6,953	5.4	375	14	7,973 390
						DIFF. 1,020-	15-
591277	BEAUTY-S RECORD ADVANCER.....*						
05-21-60	553149 2112324 15 AI DAUGHTERS-09	15	7,330	5.4	397		
AI STUD, 61-01	LISTED, 02-66 15 WITH HERD-MATES	15	7,330	5.4	397	24	8,288 428
STATES- 33,61							411- 13-
591297	FAVORITE SECRET SAGE.....*						
07-31-60	563813 2117179 51 AI DAUGHTERS-24	51	9,503	5.3	502		
AI STUD, 23-09	LISTED, 02-66 50 WITH HERD-MATES	50	9,522	5.3	503	18	9,102 472
STATES- 21,23,52							356 26
591314*						
STATES- 63	6 NON-AI DAUS.-02	6	9,803	4.3	424		
	6 WITH HERD-MATES	6	9,803	4.3	424	14	7,425 357
						DIFF. 2,378	67
591369	BRAMPTON ROYALIST FAVOR.....*						
07-12-60	520485 2149545 9 AI DAUGHTERS-05	9	6,834	5.1	350		
AI STUD, 65-02	LISTED, 02-66 9 WITH HERD-MATES	9	6,834	5.1	350	37	7,136 348
STATES- 65							130- 2-
591370	BRAMPTON ROYALIST RECORDS.....*						
07-13-60	520485 2175807 9 AI DAUGHTERS-07	10	8,713	5.0	436		
AI STUD, 31-02	LISTED, 02-66 9 WITH HERD-MATES	9	8,677	5.0	433	18	8,589 434
STATES- 31,71							36 0
591570*						
STATES- 82	8 NON-AI DAUS.-01	8	10,953	5.5	597		
	8 WITH HERD-MATES	8	10,953	5.5	597	17	8,458 448
						DIFF. 2,495	149
591575*						
AI STUD, 31-02	5 AI DAUGHTERS-04	5	7,588	5.0	380		
STATES- 31,32,56	5 WITH HERD-MATES	5	7,588	5.0	380	13	8,392 434
							159- 11-

SIRE OF DHIA DAUGHTERS

JERSEY	AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PREC. DIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
591619									
AI STUD, 33-03	7	9,937	5.1	511					
STATES- 34.74	7	9,937	5.1	511	26	7,330	378		
					DIFF.	2,607	133		
591671									
STATES- 93	6	8,235	5.0	410	13	10,265	511		
	6	8,235	5.0	410	DIFF.	2,030-	101-		
591675									
STATES- 13.21	5	9,890	5.2	515	27	9,794	506		
	5	9,890	5.2	515	DIFF.	96	9		
591683									
STATES- 42	5	6,516	5.4	355	11	8,500	444		
	5	6,516	5.4	355	DIFF.	1,984-	89-		
591759									
STATES- 13	6	10,972	5.0	553	20	9,932	520		
	6	10,972	5.0	553	DIFF.	1,040	33		
591812									
STATES- 21	9	8,381	5.7	475	28	8,993	471		
	9	8,381	5.7	475	DIFF.	612-	4		
591852									
STATES- 13	5	7,872	5.0	397	24	9,468	490		
	5	7,872	5.0	397	DIFF.	1,596-	93-		
592073 NORMSLAND BELLE 80Y.....									
02-15-60 502323 1652984 32 AI DAUGHTERS-20	34	9,901	5.5	540					
AI STUD, 11-01 LISTED, 02-66 32 WITH HERD-MATES	34	9,901	5.5	540	17	9,241	478	463	41
STATES- 11									
592201									
STATES- 21	8	9,053	5.2	474	32	9,400	496		
	8	9,053	5.2	474	DIFF.	347-	22-		
592266									
STATES- 31	5	10,698	5.3	563	19	10,334	530		
	5	10,698	5.3	563	DIFF.	364	33		
592440									
STATES- 58	6	9,490	5.0	477	61	9,003	454		
	6	9,490	5.0	477	DIFF.	487	23		
592487									
STATES- 31	6	8,982	5.3	479	24	8,502	446		
	6	8,982	5.3	479	DIFF.	480	33		
592559									
STATES- 42	6	7,283	5.7	414	6	7,338	410		
	6	7,283	5.7	414	DIFF.	55-	4		
592571									
STATES- 57	6	9,895	5.7	561	20	10,367	554		
	6	9,895	5.7	561	DIFF.	472-	7		
592869									
STATES- 31	5	8,438	5.4	458	9	8,236	433		
	5	8,438	5.4	458	DIFF.	202	25		
592911									
STATES- 73	5	9,880	5.4	534	20	10,450	514		
	5	9,880	5.4	534	DIFF.	570-	20		
592957									
STATES- 63	5	6,474	4.7	304	22	8,570	397		
	5	6,474	4.7	304	DIFF.	2,096-	93-		
593058									
STATES- 31	6	8,767	5.3	462	18	9,798	513		
	6	8,767	5.3	462	DIFF.	1,031-	51-		
593088									
STATES- 55.56	5	10,434	5.0	524	22	9,048	467		
	5	10,434	5.0	524	DIFF.	1,386	57		
593292 R D F DEMPSTER TORONC MARVEL.....									
01-13-61 490529 2189897 8 AI DAUGHTERS-06	8	9,674	5.2	506					
AI STUD, 21-01 LISTED, 02-66 8 WITH HERD-MATES	8	9,674	5.2	506	25	9,596	490	59	6
STATES- 21									
593537									
AI STUD, 31-02	7	9,103	4.9	445	11	9,527	493	78-	11-
STATES- 31.43	7	9,103	4.9	445					

SIRE OF DHIA DAUGHTERS

JERSEY		AV. PRODUCTION OF				AOJ. HERO-MATES		AV. PREO. DIFF.		
		RECOROS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
		NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
593789*									
STATES- 55	11 NON-AI DAUS.-06 11 WITH HERO-MATES	11	7,532	5.0	377	20	7,485	364		
						DIFF.	47	13		
593798*									
STATES- 55	5 NON-AI DAUS.-01 5 WITH HERO-MATES	6	9,516	5.3	508	9	8,220	429		
						DIFF.	1,296	79		
593799*									
STATES- 13	6 NON-AI DAUS.-01 6 WITH HERO-MATES	6	8,502	5.5	469	26	9,415	506		
						DIFF.	913-	37-		
593815*									
AI STUO, 21-01	5 AI DAUGHTERS-05	5	9,608	5.0	479					
STATES- 21	5 WITH HERO-MATES	5	9,608	5.0	479	12	9,512	492	43	1-
593825*									
STATES- 74	5 NON-AI DAUS.-01 5 WITH HERO-MATES	5	9,076	4.7	423	30	9,748	495		
						DIFF.	672-	72-		
593883*									
STATES- 11,88	5 NON-AI DAUS.-02 5 WITH HERO-MATES	7	10,869	5.2	562	10	10,552	547		
						DIFF.	317	15		
594374*									
STATES- 33	6 NON-AI DAUS.-01 6 WITH HERO-MATES	6	8,257	5.2	428	11	9,348	518		
						DIFF.	1,091-	90-		
594407*									
AI STUO, 33-03	5 NON-AI DAUS.-03	5	11,416	5.6	637	19	11,078	617		
STATES- 12,22,52	5 WITH HERO-MATES	5	11,416	5.6	637	DIFF.	338	20		
594609*									
STATES- 91	5 NON-AI DAUS.-01 5 WITH HERO-MATES	5	9,130	5.4	495	15	9,022	484		
						DIFF.	108	11		
594743*									
STATES- 21	5 NON-AI DAUS.-03 5 WITH HERO-MATES	5	8,704	5.9	517	43	9,170	488		
						DIFF.	466-	29		
594799	HATFIELD GOLOEN GOLOEN.....*									
01-15-61 565303 1848716	5 NON-AI DAUS.-01	5	10,928	5.1	560	18	9,056	510		
AI STUO, 34-01 LISTEO, 02-66	5 WITH HERO-MATES	5	10,928	5.1	560	DIFF.	1,872	50		
STATES- 34										
595019*									
STATES- 55	5 NON-AI DAUS.-01 5 WITH HERO-MATES	5	11,472	4.5	518	61	11,016	535		
						DIFF.	456	17-		
595089*									
STATES- 16,55	5 NON-AI DAUS.-02 5 WITH HERO-MATES	5	9,880	5.5	544	29	8,904	511		
						DIFF.	976	33		
595296*									
STATES- 11	5 NON-AI DAUS.-01 5 WITH HERO-MATES	7	8,999	5.3	474	14	8,287	420		
						DIFF.	712	54		
596795*									
STATES- 21	5 NON-AI DAUS.-01 5 WITH HERO-MATES	5	5,774	4.9	284	37	8,946	466		
						DIFF.	3,172-	182-		
597509*									
STATES- 21	7 NON-AI DAUS.-01 7 WITH HERO-MATES	7	10,281	4.9	505	60	9,626	506		
						DIFF.	655	1-		
597869*									
STATES- 13	6 NON-AI DAUS.-01 6 WITH HERO-MATES	6	8,295	5.2	432	40	8,823	446		
						DIFF.	528-	14-		
41WCG4C36*									
STATES- 41	6 NON-AI DAUS.-01 6 WITH HERO-MATES	7	8,163	5.7	468	11	7,847	430		
						DIFF.	316	38		
41WCG4C82*									
STATES- 41	6 NON-AI DAUS.-01 6 WITH HERO-MATES	6	7,512	6.0	447	11	7,527	413		
						DIFF.	15-	34		

				AV. RECORDS	PRODUCTION OF MILK		TEST	DAU. FAT	ADJ. HERO-MATES		AV. FAT	PRED. OFF.	
BROWN SWISS				NUMBER	L8	L8	%	L8	NUMBER	MILK L8	FAT L8	MILK L8	FAT L8
99252	LEE-S HILL KAYAK M.....*												
09-22-49	90827	162714	1018	AI DAUGHTERS-25*	2021	11,405	4.2	479					
AI STUO, 31-01 LISTED, 02-66			991	WITH HERD-MATES	1965	11,401	4.2	479	10	11,954	492	486-	10-
STATES- 12,14,16,21,22,23,31,													
32,33,34,35,42,43,47,48,51,52,			27	NON-AI DAUGHTERS	90	11,959	4.2	501					
55,56,57,58,61,63,65,72,74,81,			26	WITH HERD-MATES	74	12,115	4.2	507	5	11,762	482		
84,91,92,93,96													
102954	AVON VIFW LORRAINE-S COLONEL.....*												
09-06-50	48672	167718	158	AI DAUGHTERS-25*	376	12,268	4.2	512					
AI STUO, 33-01 LISTED, 02-66			156	WITH HERD-MATES	369	12,316	4.2	514	9	11,651	487	613	26
STATES- 23,31,33,35,41,42,51,													
57,63,64,72			6	NON-AI DAUGHTERS	18	11,269	4.0	452					
			6	WITH HERD-MATES	18	11,269	4.0	452	10	11,100	451		
106794	COLONEL-S DEFENDER OF J-A-M.....*												
07-29-50	48672	197223	144	AI DAUGHTERS-25*	388	11,643	4.2	491					
AI STUO, 31-01 LISTED, 02-66			143	WITH HERD-MATES	378	11,633	4.2	491	9	11,835	492	138-	2
STATES- 21,23,31,33,34,35,41,													
42,56,57,65													
107506	HYCREST BUTLER.....*												
10-06-50	65421	78476	82	NON-AI DAU.-25*	195	11,174	4.1	463					
AI STUO, 34-01 LISTED, 02-66			80	WITH HERD-MATES	187	11,259	4.1	467	13	11,280	469		
STATES- 11,12,13,14,16,21,22,									OFF.	21-	2-		
23,31,33,34,35,41,48,51,52,55,													
57,63,56													
107915	AUTUMN SUN OF LEE-S HILL.....*												
02-23-51	55163	171663	618	AI DAUGHTERS-25*	1134	12,284	4.3	528					
AI STUO, 35-05 LISTED, 02-66			611	WITH HERD-MATES	1108	12,303	4.3	529	11	12,007	496	347	35
STATES- 13,14,16,21,22,23,31,													
32,33,34,35,41,42,46,47,48,50,													
51,52,55,56,57,58,61,63,64,65,													
72,96													
107999	ORANGEVILLE ACE.....*												
07-23-51	55956	170555	98	AI DAUGHTERS-22	180	12,092	4.0	480					
AI STUO, 51-02 LISTED, 02-66			69	WITH HERD-MATES	133	12,008	4.0	480	9	10,710	446	954	25
STATES- 23,51,52,54,55,57,63													
			18	NON-AI DAUGHTERS	64	12,936	3.9	501					
			18	WITH HERD-MATES	57	13,000	3.9	507	5	11,707	482		
109152	SIBLEY-S PATRICK LAIRO.....*												
12-18-50	71151	133104	396	AI DAUGHTERS-25*	578	12,704	4.0	506					
AI STUO, 35-75 LISTED, 02-66			365	WITH HERD-MATES	526	12,736	4.0	507	10	12,293	495	506	14
STATES- 12,13,16,21,22,23,31,													
32,33,34,35,41,42,47,48,52,55,			40	NON-AI DAUGHTERS	104	12,587	4.1	522					
56,57,58,61,64,71,74,82,84,91,			40	WITH HERD-MATES	102	12,593	4.1	522	9	12,793	537		
92,93,56													
109953	P. V. WONDER LAD-S JERRY.....*												
09-01-51	92785	101585	66	AI DAUGHTERS-20	121	12,194	4.1	502					
AI STUO, 35-02 LISTED, 02-66			66	WITH HERD-MATES	121	12,194	4.1	502	11	11,756	476	364	21
STATES- 33,34,35,42													
			17	NON-AI DAUGHTERS	62	12,975	4.0	519					
			17	WITH HERD-MATES	58	13,042	4.0	522	6	11,813	490		
110327	NORVIC ELAIM.....*												
08-08-51	92099	123672	15	AI DAUGHTERS-13	15	13,264	4.1	539					
AI STUO, 35-05 LISTED, 02-66			15	WITH HERD-MATES	15	13,264	4.1	539	15	12,447	518	395	11
STATES- 32,33,35,41,42,47,48,													
63,74			50	NON-AI DAUGHTERS	146	10,773	3.8	406					
			49	WITH HERD-MATES	143	10,770	3.8	406	8	10,617	423		
114123	NORVIC MASTER INFIELDER.....*												
09-08-52	106902	175029	764	AI DAUGHTERS-25*	1386	12,078	4.2	508					
AI STUO, 33-01 LISTED, 02-66			751	WITH HERD-MATES	1357	12,092	4.2	509	11	12,108	501	55	12
STATES- 11,12,13,14,16,21,22,													
23,31,32,33,34,35,41,42,43,47,			16	NON-AI DAUGHTERS	36	12,718	4.2	533					
51,52,55,56,57,58,61,63,64,65,			16	WITH HERD-MATES	23	13,081	4.2	552	7	13,015	536		
73,74,82,84,96													
114863	CLAYTONOALE JANE-S MERIDIAN.....*												
08-28-52	90827	228048	9	AI DAUGHTERS-07	12	11,485	4.0	457					
AI STUO, 35-03 LISTED, 02-66			8	WITH HERD-MATES	11	11,443	3.9	451	9	10,558	426	229	6
STATES- 21,23,31,32,35,41,48													
			8	NON-AI DAUGHTERS	26	11,286	4.2	472					
			8	WITH HERD-MATES	26	11,286	4.2	472	10	11,842	499		
114934	CRIBLEZ COLONEL.....*												
09-16-51	96441	199840	84	AI DAUGHTERS-25*	166	9,422	4.4	410					
AI STUO, 48-01 LISTED, 02-66			80	WITH HERD-MATES	150	9,419	4.3	408	9	10,600	434	1,007-	23-
STATES- 31,47,48,51,73,74													
116273	LEE-S HILL GIBRALTAR M.....*												
11-12-52	90827	162715	233	AI DAUGHTERS-25*	303	12,172	4.3	521					
AI STUO, 61-01 LISTED, 02-66			227	WITH HERD-MATES	254	12,209	4.3	523	12	12,271	506	25	19
STATES- 13,14,21,22,23,31,32,													
33,35,42,43,47,48,51,52,55,56,			49	NON-AI DAUGHTERS	106	11,485	4.3	497					
58,61,63,64,74,81,82,84			49	WITH HERD-MATES	105	11,466	4.3	496	18	12,051	505		
117219	BONANZA SENATOR.....*												
11-15-53	75432	206636	34	AI DAUGHTERS-15	63	13,000	4.1	534					
AI STUO, 41-25 LISTED, 02-66			32	WITH HERD-MATES	61	13,087	4.1	537	9	11,714	494	865	28
STATES- 41,47,48													

SIRE OF DHIA DAUGHTERS				AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
BROWN SWISS				RECORDS	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB		LB	LB	LB	LB
117713*											
STATES- 93		5 NON-AI DAUS.-01	5	14,756	3.4	507						
		5 WITH HERD-MATES	5	14,756	3.4	507		37	13,064	452		
								DIFF.	1,692	55		
118619	MEADOW VIEW DESTINY.....*											
07-22-53	106557 212032	271 AI DAUGHTERS-25*	396	13,897	4.1	570						
AI STUD, 41-25	LISTED, 02-66	262 WITH HERD-MATES	380	13,901	4.1	570		11	12,402	510	1,487	60
STATES- 21,23,31,32,33,35,41,												
42,43,45,47,48,51,74,84,92,93		43 NON-AI DAUGHTERS	144	15,148	3.8	571						
		43 WITH HERD-MATES	142	15,106	3.8	569		9	12,672	500		
121816	WELCOME IN CHARMER.....*											
04-04-54	76059 212767	170 AI DAUGHTERS-25*	308	12,978	4.2	549						
AI STUD, 31-01	LISTED, 02-66	167 WITH HERD-MATES	300	12,972	4.2	550		14	12,640	525	409	28
STATES- 21,22,23,31,32,33,34,												
35,41,42,45,48,51,52,56,57,61,		29 NON-AI DAUGHTERS	49	15,265	4.1	633						
63,72,74,81,91,93,96		29 WITH HERD-MATES	49	15,265	4.1	633		15	13,349	550		
121852	ARBOR ROSE MAC CAPTAIN.....*											
12-05-53	59815 136384	9 AI DAUGHTERS-05	12	9,844	4.2	416						
AI STUD, 93-05	LISTED, 02-66	8 WITH HERD-MATES	10	10,288	4.1	424		8	12,212	510	525-	23-
STATES- 82,88,93												
121957	NORVIC MASTER POLLYMAN.....*											
07-17-54	106902 190880	23 AI DAUGHTERS-13	26	10,503	4.0	420						
AI STUD, 41-25	LISTED, 02-66	23 WITH HERD-MATES	26	10,503	4.0	420		8	11,578	468	564-	26-
STATES- 31,33,35,41,42,45												
		18 NON-AI DAUGHTERS	46	11,158	4.0	451						
		18 WITH HERD-MATES	45	11,057	4.0	447		10	10,561	433		
122242	MISCHKE-S ADVANCER.....*											
10-03-54	114125 153872	21 AI DAUGHTERS-07	29	13,159	4.1	537						
AI STUD, 93-05	LISTED, 02-66	20 WITH HERD-MATES	25	13,282	4.1	544		7	12,060	494	645	27
STATES- 81,82,88,93												
122962	FORTUNE-S FOREMOST OF TWIN OAK.....*											
08-01-54	101496 153382	21 NON-AI DAUS.-09	57	11,506	4.3	493						
AI STUD, 42-02	LISTED, 02-66	21 WITH HERD-MATES	57	11,506	4.3	493		12	11,399	467		
STATES- 35,41,42,63								DIFF.	107	26		
124396	V B ROAMER PAVANNE.....*											
10-16-55	119848 250654	37 AI DAUGHTERS-14	89	11,336	4.0	453						
AI STUD, 61-01	LISTED, 02-66	33 WITH HERD-MATES	81	11,873	4.0	475		8	11,760	475	94	1
STATES- 61,63												
124652	WELCOME IN SUPREME.....*											
02-11-55	116273 220062	74 AI DAUGHTERS-25*	74	11,999	4.2	501						
AI STUD, 33-03	LISTED, 02-66	72 WITH HERD-MATES	72	11,933	4.2	498		13	12,389	514	278-	9-
STATES- 21,23,31,32,33,34,35,												
41,42,46,48,50,51,52,56,71,93,		37 NON-AI DAUGHTERS	60	14,067	4.2	585						
96		35 WITH HERD-MATES	54	14,132	4.2	589		15	13,392	551		
124788	SUNSET VIEW PRINCE RAINIER.....*											
07-11-55	116269 251324	68 AI DAUGHTERS-25*	154	12,862	4.0	520						
AI STUD, 35-04	LISTED, 02-66	67 WITH HERD-MATES	152	12,916	4.0	522		12	12,585	513	347	11
STATES- 14,23,31,34,35,41,42,												
46,58,61,74,84,93												
125021	LA RAINBOW GINGER BOY.....*											
04-21-55	115152 269394	47 AI DAUGHTERS-22	90	10,075	4.1	409						
AI STUD, 35-03	LISTED, 02-66	47 WITH HERD-MATES	90	10,075	4.1	409		12	10,799	442	548-	25-
STATES- 31,32,33,35,51,63												
125283	HARRIET-S ROYAL APOLLO.....*											
03-04-56	116269 286712	19 NON-AI DAUS.-04	48	12,118	4.4	538						
AI STUD, 34-01	LISTED, 02-66	19 WITH HERD-MATES	48	12,118	4.4	538		6	12,963	558		
STATES- 32,34								DIFF.	845-	20-		
125472	MEADOW VIEW JARED C.....*											
10-27-55	106157 224725	33 AI DAUGHTERS-24	33	11,830	4.1	488						
AI STUD, 35-75	LISTED, 02-66	31 WITH HERD-MATES	31	11,917	4.1	490		9	12,387	511	225-	10-
STATES- 21,22,31,32,34,41,42,												
45,47,48,52,57,58,64,84,91		16 NON-AI DAUGHTERS	47	13,612	4.3	590						
		15 WITH HERD-MATES	37	13,659	4.3	592		5	12,037	511		
125640	WAVENEY-S LADDIE G.....*											
02-04-56	91609 210953	36 AI DAUGHTERS-20	60	13,857	4.3	596						
AI STUD, 16-04	LISTED, 02-66	35 WITH HERD-MATES	56	13,949	4.3	601		12	12,166	510	1,184	61
STATES- 11,13,14,16,21,22,55,												
58		12 NON-AI DAUGHTERS	34	11,970	4.3	519						
		12 WITH HERD-MATES	34	11,970	4.3	519		10	11,580	477		
126143	HILLWINDS VALIANT MASTER.....*											
07-10-56	106902 276401	57 AI DAUGHTERS-24	94	10,337	4.2	436						
AI STUD, 35-03	LISTED, 02-66	56 WITH HERD-MATES	93	10,401	4.2	438		11	11,237	455	626-	13-
STATES- 31,33,35,42,45,51,63,												
93,96												
126555	V. B. COUNT ROULETTE.....*											
01-07-56	116500 161698	40 NON-AI DAUS.-03	96	13,822	3.8	524						
AI STUD, 35-75	LISTED, 02-66	40 WITH HERD-MATES	96	13,822	3.8	524		11	12,518	486		
STATES- 35,52,73								DIFF.	1,304	38		
127733*											
STATES- 32,35,42		5 NON-AI DAUS.-04	9	11,662	4.1	476						
		5 WITH HERD-MATES	9	11,662	4.1	476		12	11,753	475		
								DIFF.	91-	1		

SIRE OF DATA DAUGHTER					AV. RECD	PRODUCTION OF MILK	TEST	DAU. FAT	ADJ. AV.	HERD-MATES MILK	AV. FAT	PREG. MILK	DIFF. FAT
					NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
BROWN SWISS													
133783 OSTVAL-S NA808-S EL CCRADD.....*													
07-C8-58 102073 245475 21 AI DAUGHTERS-11					21	10,740	4.1	443					
AI STUD, 41-01 LISTED, 02-66 21 WITH HERD-MATES					21	10,740	4.1	443	9	11,443	465	357-	11-
STATES- 41,45,46,65													
					9	12,035	4.4	529					
					8	11,842	4.4	517	11	11,178	462		
134020 ROCK-N-MAPLES THAKUR.....*													
10-15-58 76059 261648 53 AI DAUGHTERS-25*					72	11,467	4.3	491					
AI STUD, 21-01 LISTED, 02-66 52 WITH HERD-MATES					70	11,454	4.3	490	11	12,169	505	460-	8-
STATES- 11,12,13,14,21,22													
134033*													
STATES- 21,58					5	11,764	3.7	438					
					5	11,764	3.7	438	20	11,937	485		
									DIFF.	173-	47-		
134071 WELCCME IN COUNT.....*													
08-27-58 121816 210247 30 NON-AI DAUS.-02					46	14,246	4.0	571					
AI STUD, 35-75 LISTED, 02-66 30 WITH HERD-MATES					46	14,246	4.0	571	10	12,370	503		
STATES- 61									DIFF.	1,876	68		
134152*													
STATES- 23					5	9,166	4.4	405					
					5	9,166	4.4	405	12	9,863	406		
									DIFF.	697-	1-		
134278 STIAHTA-S GERDNIMO.....*													
10-16-58 114123 166509 93 AI DAUGHTERS-25*					126	11,624	4.2	487					
AI STUD, 21-01 LISTED, 02-66 89 WITH HERD-MATES					120	11,763	4.2	494	15	12,081	501	202-	2-
STATES- 12,13,21,22,52													
134309 AVON VIEW HALLMARK.....*													
03-01-59 105449 251140 25 AI DAUGHTERS-10					30	10,967	4.2	457					
AI STUD, 16-04 LISTED, 02-66 22 WITH HERD-MATES					27	11,420	4.1	472	14	12,547	522	529-	23-
STATES- 13,14,16,21,52													
134330*													
STATES- 41					5	14,264	4.0	576					
					5	14,264	4.0	576	15	12,542	505		
									DIFF.	1,722	71		
134824*													
STATES- 16,51					5	13,671	4.2	576					
					5	13,671	4.2	576	26	13,037	566		
									DIFF.	634	10		
134901 NEEDMDR SUPREME T.....*													
02-28-59 76059 257934 55 AI DAUGHTERS-25					66	12,020	4.5	545					
AI STUD, 23-09 LISTED, 02-66 52 WITH HERD-MATES					62	11,922	4.5	541	11	12,257	517	179-	21
STATES- 23													
135021 NEEDMDR SDVEREIGN T.....*													
07-16-59 76059 270495 12 AI DAUGHTERS-08					12	10,444	4.3	447					
AI STUD, 51-02 LISTED, 02-66 10 WITH HERD-MATES					10	10,444	4.3	450	18	11,510	460	351-	3-
STATES- 35,51,52,57													
135095 WELCDME IN MAGIC.....*													
01-29-59 76059 212767 195 AI DAUGHTERS-25*					206	11,928	4.2	503					
AI STUD, 33-03 LISTED, 02-66 185 WITH HERD-MATES					195	11,850	4.2	498	15	12,230	500	266-	2
STATES- 11,12,13,14,21,22,23,													
31,32,33,34,35,41,42,46,48,51,					6	12,581	4.5	563					
56,57,58,61,63,64,65,82,93,96					6	12,581	4.5	563	17	13,175	536		
135098 WELCDME IN SUPERIOR.....*													
07-01-59 124652 339277 9 NON-AI DAUS.-06					10	13,375	4.2	556					
AI STUD, 31-02 LISTED, 02-66 8 WITH HERD-MATES					9	13,264	4.2	553	14	12,321	508		
STATES- 31,32,34,41,48,55									DIFF.	943	45		
135413*													
STATES- 35					5	11,524	4.2	485					
					5	11,524	4.2	485	12	10,491	413		
									DIFF.	1,033	72		
135487 NORVIC PRINCE 8EAU.....*													
02-10-59 124788 308965 10 NON-AI DAUS.-03					14	17,016	3.7	635					
AI STUD, 41-25 LISTED, 02-66 10 WITH HERD-MATES					14	17,016	3.7	635	24	14,701	592		
STATES- 33,65									DIFF.	2,315	43		
135803*													
STATES- 22					5	9,534	4.7	448					
					5	9,534	4.7	448	7	11,336	490		
									DIFF.	1,802-	42-		
135959*													
STATES- 42					5	13,178	3.6	480					
					5	13,178	3.6	480	10	11,876	463		
									DIFF.	1,302	17		
136103*													
STATES- 21					5	14,650	3.7	544					
					5	14,650	3.7	544	5	11,732	480		
									DIFF.	2,918	64		
136140 V. 8. ROYAL FLUSH PAVANNE.....*													
02-22-59 119848 250654 23 AI DAUGHTERS-19					25	14,901	3.7	556					
AI STUD, 33-03 LISTED, 02-66 22 WITH HERD-MATES					24	14,847	3.7	553	15	12,610	514	1,234	23
STATES- 22,23,31,32,33,34,35,													
41,42,48,51,58													
136430 NORVIC LOAMASTER.....*													
08-29-59 127854 175028 14 NON-AI DAUS.-09					16	12,784	4.3	553					
AI STUD, 35-75 LISTED, 02-66 14 WITH HERD-MATES					16	12,784	4.3	553	13	12,600	536		
STATES- 16,31,32,34,42,50,52									DIFF.	184	17		

SIRE OF OHIA DAUGHTERS

BROWN SWISS				AV. RECORDS	PRODUCTION OF			ADJ. AV.	HERO-MATES		PREC. MILK	DIFF. FAT
				NUMBER	L8	%	FAT L8	NUMBER	L8	FAT L8	L8	L8
136440	HYCREST TRAITION.....*											
12-19-58	76059	292275	48	AI DAUGHTERS-25*	61	11,651	4.4	512				
AI STUO, 21-01	LISTEO, 02-66		45	WITH HERD-MATES	57	11,729	4.4	515	10	12,586	524	510-
STATES-	13,14,21,23,52											2-
136479	WELCOME IN BARON.....*											
09-02-59	121816	150821	108	AI DAUGHTERS-25*	136	11,351	4.3	483				
AI STUO, 21-01	LISTEO, 02-66		105	WITH HERD-MATES	133	11,363	4.3	483	17	12,942	541	1,195-
STATES-	13,16,21,22,23,31,33, 56,58											42-
136619*											
			5	NCN-AI OAS.-04	9	11,523	4.1	475				
STATES-	33,48,63		5	WITH HERD-MATES	9	11,523	4.1	475	16	12,781	512	
									OIFF.	1,258-	37-	
136687*											
			5	NON-AI OAS.-02	5	12,058	4.3	513				
STATES-	23		5	WITH HERD-MATES	5	12,058	4.3	513	12	12,506	547	
									OIFF.	448-	34-	
136767	FOXTRACT-S NAN FORCASTER.....*											
10-04-59	78152	297058	27	AI DAUGHTERS-19	32	12,996	4.2	540				
AI STUO, 21-01	LISTEO, 02-66		25	WITH HERD-MATES	30	12,798	4.2	537	15	12,311	511	322
STATES-	13,21,22											17
136785*											
			5	NON-AI OAS.-03	5	14,078	4.1	571				
STATES-	41,42		5	WITH HERD-MATES	5	14,078	4.1	571	5	13,872	566	
									OIFF.	206	5	
136963	SUNSET VIEW LEANOER.....*											
11-12-59	114123	251324	24	AI DAUGHTERS-15	24	12,644	4.1	522				
AI STUO, 21-01	LISTEO, 02-66		23	WITH HERD-MATES	23	12,957	4.1	536	15	12,594	519	280
STATES-	13,21,23											12
137095*											
			9	NON-AI OAS.-02	9	13,630	4.5	618				
STATES-	22,51		9	WITH HERO-MATES	9	13,630	4.5	618	19	13,179	574	
									OIFF.	451	44	
137238*											
			5	AI DAUGHTERS-04	5	12,092	4.1	496				
AI STUO, 23-09			5	WITH HERD-MATES	5	12,092	4.1	496	8	12,112	512	11
STATES-	23											2-
137510*											
			5	NON-AI OAS.-01	5	11,786	3.7	439				
STATES-	48		5	WITH HERD-MATES	5	11,786	3.7	439	22	11,316	447	
									OIFF.	470	8-	
137522*											
			6	NON-AI OAS.-01	6	12,773	4.3	550				
STATES-	45		6	WITH HERD-MATES	6	12,773	4.3	550	7	12,678	517	
									OIFF.	95	33	
137535*											
			6	NON-AI OAS.-01	6	9,172	4.3	390				
STATES-	32		6	WITH HERD-MATES	6	9,172	4.3	390	20	10,788	432	
									OIFF.	1,616-	42-	
137736	LEE-S HILL REGAL REPLICA.....*											
01-06-60	131096	188709	108	AI DAUGHTERS-25*	118	11,995	4.4	527				
AI STUO, 33-01	LISTEO, 02-66		106	WITH HERD-MATES	116	11,980	4.4	527	11	12,287	515	182-
STATES-	33,35,41,42,52,58,63											14
137832*											
			5	NON-AI OAS.-02	5	11,838	4.0	471				
STATES-	55		5	WITH HERO-MATES	5	11,838	4.0	471	22	11,844	483	
									OIFF.	6-	12-	
138408	WELCOME IN VISCOUNT.....*											
07-14-60	121816	328187	18	AI DAUGHTERS-16	18	11,457	4.3	498				
AI STUO, 21-01	LISTED, 02-66		17	WITH HERD-MATES	17	11,595	4.4	505	15	12,678	528	438-
STATES-	12,13,21,52											8-
138452	WELCOME IN FIRSTCHOICE.....*											
07-11-60	121816	342752	75	AI DAUGHTERS-25*	75	13,036	4.0	527				
AI STUO, 33-01	LISTEO, 02-66		72	WITH HERD-MATES	72	12,926	4.1	524	11	12,514	524	411
STATES-	31,32,33,35,42,48,52, 57,61,63,74											5
138756*											
			5	NCN-AI OAS.-01	5	8,414	4.0	334				
STATES-	63		5	WITH HERD-MATES	5	8,414	4.0	334	10	8,798	343	
									OIFF.	384-	9-	
138957*											
			8	AI DAUGHTERS-06		12,069	4.2	512				
AI STUO, 21-01			7	WITH HERD-MATES	7	12,143	4.2	512	9	11,597	480	147
STATES-	13,21											9
139119*											
			5	NON-AI OAS.-02	6	12,797	4.1	525				
STATES-	31		5	WITH HERO-MATES	6	12,797	4.1	525	13	11,560	460	
									OIFF.	1,237	65	
139896*											
			5	NON-AI OAS.-01	5	8,400	3.9	330				
STATES-	33		5	WITH HERD-MATES	5	8,400	3.9	330	6	9,908	411	
									OIFF.	1,508-	81-	
140271*											
			5	NON-AI OAS.-01	5	8,964	4.0	357				
STATES-	43		5	WITH HERD-MATES	5	8,964	4.0	357	32	12,402	518	
									OIFF.	3,438-	161-	

SIRES OF DHIA DAUGHTERS		AV. PRODUCTION OF DAU.				ADJ. HERD-MATES AV.			PRED. DIFF.	
BROWN SWISS		RECORDS	MILK	TEST	FAT	AV.	MILK	FAT	MILK	FAT
		NUMBER	LB	%	LB	NUMBER	LB	LB	LB	LB
140779*									
	5 NON-AI DAUS.-01	5	11,586	3.8	446					
STATES- 42	5 WITH HERD-MATES	5	11,586	3.8	446	17	9,240	376		
						DIFF.	2,346	70		
143012	.....								
	5 NON-AI DAUS.-01	5	8,490	4.1	344					
STATES- 47	5 WITH HERD-MATES	5	8,490	4.1	344	10	9,250	345		
						DIFF.	760-	1-		

SIRE OF OHIA DAUGHTERS

M. SHORRHORN

STRES OF ORTA DAUGHTER				AV. PRODUCTION OF OAU.				ADJ. HERO-MATES AV.			PREC. DIFF.	
M. SHCRTHORN				RECORDS	MILK	TEST	FAT	NUMBER	MILK	FAT	MILK	FAT
				NUMBER	LB	%	LB		LB	LB	LB	LB
61368	BLUE JACKET ROMEO - TWIN.....*											
08-29-45	85896 1962887	9	AI DAUGHTERS-04	14	10,043	3.8	380					
AI STUO, 48-01	LISTEO, 02-66	8	WITH HERO-MATES	13	10,220	3.7	383	10	9,888	369	121	5
STATES-	42,43,47,48,71,73											
		20	NON-AI DAUGHTERS	51	9,628	4.0	384					
		20	WITH HERO-MATES	51	9,628	4.0	384	10	9,803	392		
69525	WIEMKEN-S RCAN MARQUIS.....*											
11-10-45	95092 2376749	12	AI DAUGHTERS-05	25	8,085	3.9	318					
AI STUO, 48-01	LISTED, 02-66	12	WITH HERO-MATES	25	8,085	3.9	318	5	9,004	330	342-	5-
STATES-	31,42,48,73											
102880	WIL0 EYES BARRINGTON REX.....*											
02-18-51	2165380 113540	8	AI DAUGHTERS-06	16	8,432	3.8	318					
AI STUO, 35-05	LISTEO, 02-66	8	WITH HERO-MATES	16	8,432	3.8	318	17	9,261	341	228-	7-
STATES-	35,41,42,43											
127671	BARRINGTON OCUBLE ARTHUR.....*											
10-15-51	2165380 113543	14	AI DAUGHTERS-08	42	9,481	3.8	364					
AI STUO, 41-01	LISTEO, 02-66	13	WITH HERO-MATES	40	9,535	3.8	365	7	9,477	362	43	2
STATES-	33,35,41,63											
		15	NON-AI DAUGHTERS	48	9,675	3.7	356					
		14	WITH HERO-MATES	45	9,623	3.7	355	6	9,212	351		
127672	BARRINGTON PREMIER BATES.....*											
12-07-51	2165380 113539	15	AI DAUGHTERS-10	34	9,931	3.6	361					
AI STUO, 35-05	LISTEO, 02-66	14	WITH HERO-MATES	30	9,782	3.6	351	15	9,055	340	302	5
STATES-	35,41,71											
168455	N00AK WIL0 EYES.....*											
06-07-53	120361 70729	16	NON-AI OAU.-02	51	9,307	3.6	331					
AI STUO, 41-01	LISTEO, 02-66	16	WITH HERO-MATES	51	9,307	3.6	331	7	9,705	366		
STATES-	41,45							OIFF.	398-	35-		
174687	GRASSY LANE G0L08AR.....*											
09-17-53	112761 22064	9	AI DAUGHTERS-04	14	11,070	3.5	389					
AI STUO, 42-02	LISTEO, 02-66	6	WITH HERO-MATES	5	11,076	3.6	400	6	8,828	319	514	18
STATES-	42,73											
176159	BARRINGTON FIRELIGHT.....*											
11-06-53	2165380 18013	18	NON-AI OAU.-01	61	8,262	3.5	288					
AI STUO, 34-01	LISTEO, 02-66	18	WITH HERO-MATES	61	8,262	3.5	288	6	8,265	254		
STATES-	34							OIFF.	3-	6-		
181531	LILYOALE CHAMPION OUK 30.....*											
11-10-53	80394 11648	11	AI DAUGHTERS-08	13	10,363	3.9	406					
AI STUO, 33-03	LISTEO, 02-66	11	WITH HERO-MATES	13	10,363	3.9	406	6	9,312	353	384	15
STATES-	12,31,32,41,47,51,73											
190014	DOAN-S ROYAL KNIGHT.....*											
05-25-54	22359 2353343	5	AI DAUGHTERS-03	8	8,899	3.7	325					
AI STUO, 34-01	LISTEO, 02-66	5	WITH HERO-MATES	8	8,899	3.7	325	11	10,267	372	248-	9-
STATES-	32,34											
		16	NON-AI DAUGHTERS	40	9,574	3.9	372					
		15	WITH HERO-MATES	38	9,565	3.9	372	4	9,808	364		
195525	FLOYD CREST OAIRYMASTER.....*											
09-29-54	128075 126961	20	NON-AI OAU.-02	47	9,522	3.9	367					
AI STUO, 35-75	LISTEO, 02-66	19	WITH HERO-MATES	46	9,401	3.9	364	6	8,715	335		
STATES-	42,47							OIFF.	686	29		
204667*											
		5	NON-AI OAU.-01	5	7,256	3.9	284					
STATES-	41	5	WITH HERO-MATES	5	7,256	3.9	284	4	7,826	306		
								OIFF.	570-	22-		
219236*											
		5	NON-AI OAU.-02	8	11,330	3.7	415					
STATES-	73	5	WITH HERO-MATES	8	11,330	3.7	415	17	10,296	371		
								OIFF.	1,034	44		
237587	LILYOALE MARTAS CHESS 7TH.....*											
12-04-56	195223 199270	7	AI DAUGHTERS-03	8	11,819	3.5	415					
AI STUO, 31-02	LISTEO, 02-66	7	WITH HERO-MATES	8	11,819	3.5	415	12	11,019	394	260	7
STATES-	32,43,71,73											
		17	NON-AI DAUGHTERS	49	11,144	3.5	393					
		17	WITH HERO-MATES	49	11,144	3.5	393	9	11,098	402		
240230	OARLINGTON SUNBEAM KING.....*											
04-15-57	190014 150491	11	NON-AI OAU.-06	17	9,578	3.9	374					
AI STUO, 34-01	LISTEO, 02-66	11	WITH HERO-MATES	17	9,578	3.9	374	12	10,065	383		
STATES-	32,34,42							OIFF.	487-	9-		
244765*											
		5	NON-AI OAU.-02	5	9,418	3.7	351					
STATES-	35	5	WITH HERO-MATES	5	9,418	3.7	351	6	9,040	340		
								OIFF.	378	11		
247628	THREE SPRINGS ARTHUR.....*											
07-14-57	208220 11354	23	NON-AI OAU.-02	43	9,823	3.7	364					
AI STUO, 33-02	LISTEO, 02-66	23	WITH HERO-MATES	43	9,823	3.7	364	15	10,444	396		
STATES-	23,32							OIFF.	621-	32-		
248595*											
		7	NON-AI OAU.-03	9	8,283	3.7	304					
STATES-	41,45	7	WITH HERO-MATES	5	8,283	3.7	304	16	7,968	298		
								OIFF.	315	6		
253683	ROBIN-S CINOY LOCHINVAR.....*											
10-25-56	132852 183573	26	NON-AI OAU.-05	44	10,255	3.7	383					
AI STUO, 35-05	LISTED, 02-66	26	WITH HERO-MATES	44	10,255	3.7	383	11	9,208	345		
STATES-	42,63							OIFF.	1,047	38		

Sires of Ohio Daughters

M. SHORTHORN	AV. PRODUCTION OF OAU.				AOJ. HERO-MATES AV.			PRED. OIFF.	
	RECORDS NUMBER	MILK LB	TEST %	FAT LB	AV. NUMBER	MILK LB	FAT LB	MILK LB	FAT LB
260385									
STATES- 43	8	10,635	3.7	392	8	9,691	374		
	8	10,635	3.7	392	OIFF.	944	18		
260794 SPRING BROOK ROBIN HCCD.....*									
12-23-58 101321 118845	9	13,007	3.9	505	12	11,483	442		
AI STUD, 33-03 LISTED, 02-66	9	13,007	3.9	505	OIFF.	1,524	63		
STATES- 32,33									
263361									
STATES- 35	5	10,200	3.8	385	8	10,516	394		
	5	10,200	3.8	385	OIFF.	316-	9-		
266173									
STATES- 35	5	11,102	4.0	439	13	9,604	359		
	5	11,102	4.0	439	OIFF.	1,498	80		
272665									
STATES- 33	6	10,113	3.9	395	3	9,023	335		
	6	10,113	3.9	395	OIFF.	1,090	60		
275973									
STATES- 82	5	9,332	3.5	330	4	8,322	297		
	5	9,332	3.5	330	OIFF.	1,010	33		

[illegible]

TABLE 1.--SUMMARY OF RECORDS OF SIRES IN ARTIFICIAL-BREEDING SERVICE BY BREED
AND WEIGHTED BY NUMBER OF PROGENY PER SIRE

BREED	AI SIRES NUMBER	DAUGHTERS NUMBER	AVERAGE PRODUCTION					
			DAUGHTERS			HERDMATES		
			MILK POUNDS	FAT %	FAT POUNDS	MILK POUNDS	FAT %	FAT POUNDS
AYRSHIRE	32	6,287	11,154	4.1	455	10,774	4.0	435
GUERNSEY	147	22,300	9,565	4.8	463	9,386	4.8	452
HOLSTEIN	528	210,232	13,936	3.7	516	13,854	3.7	509
JERSEY	121	12,454	8,891	5.2	462	8,774	5.2	456
BROWN SWISS	49	5,399	12,027	4.2	504	12,053	4.1	497
MILKING SHORTHORN	9	84	9,701	3.7	363	9,465	3.7	351
RED DANE	3	126	12,235	4.0	483	11,679	4.0	466

TABLE 2.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO
MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

AYRSHIRE												
PREDICTED DIFFERENCE MILK RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRDUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION						PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS
					DAUGHTERS		HERD MATES					
					MILK POUNDS	BUTTERFAT % POUNDS		MILK POUNDS	BUTTERFAT % POUNDS			
- 313 to + 186	15	9	6	1,806	10,775	4.1	444	10,816	4.1	441	+ 18	+ 3
+ 187 to + 686	14	14		3,636	11,249	4.1	462	10,673	4.1	434	+ 399	+20
+ 687 to +1,186	2	2		335	11,702	4.0	468	10,925	4.1	444	+ 748	+24
+1,687 to +2,186	1	1		510	13,215	4.1	538	11,350	4.0	456	+1,894	+83
TOTAL DR AV. BY SIRE												
UNWEIGHTED	32	26	6	6,287	11,117	4.1	456	10,777	4.1	439		
WEIGHTED BY NUMBER OF DAUGHTERS				6,287	11,154	4.1	455	10,774	4.0	435		

TABLE 3.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO
BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

AYRSHIRE												
PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION						PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS
					DAUGHTERS		HERD MATES		MILK				BUTTERFAT
					MILK POUNDS	BUTTERFAT % POUNDS		MILK POUNDS	BUTTERFAT % POUNDS			
-36 to -17	1		1	54	10,773	3.9 425		11,294	4.1 458		- 308	-21
-16 to + 3	7		7	1,219	10,916	4.0 438		11,058	4.1 448		- 1	- 4
+ 4 to +23	15	15		3,024	10,950	4.1 451		10,571	4.1 431		+ 261	+14
+24 to +43	8	8		1,480	11,386	4.2 474		10,782	4.1 440		+ 470	+28
+64 to +83	1	1		510	13,215	4.1 538		11,350	4.0 456		+1,894	+83
TOTAL DR AV. BY SIRE												
UNWEIGHTED	32	24	8	6,287	11,117	4.1 456		10,777	4.1 439			
WEIGHTED BY NUMBER OF DAUGHTERS				6,287	11,154	4.1 455		10,774	4.0 435			

TABLE 4.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF Sires IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

GUERNSEY												
PREDICTED DIFFERENCE MILK RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED		DIFFERENCE	
					DAUGHTERS MILK POUNDS	BUTTERFAT % POUNDS	HERD MATES MILK POUNDS	BUTTERFAT % POUNDS	MILK POUNDS	BUTTERFAT POUNDS	MILK POUNDS	BUTTERFAT POUNDS
-1,003 to - 504	2		2	136	8,962	5.0	445	9,841	4.8	475	- 579	-18
- 503 to - 4	54		54	6,775	8,896	4.9	434	9,329	4.8	446	- 225	- 5
- 3 to + 496	72	63	9	10,777	9,778	4.8	469	9,459	4.8	454	- 195	+10
+ 497 to + 996	17	17		3,857	10,578	4.8	502	9,729	4.8	469	+ 713	+28
+ 997 to +1,496	2	2		755	11,083	4.6	505	9,771	4.8	473	+1,318	+35
TOTAL OR AV. BY SIRE												
UNWEIGHTED	147	82	65	22,300	9,553	4.8	460	9,452	4.8	453		
WEIGHTED BY NUMBER OF DAUGHTERS				22,300	9,565	4.8	463	9,386	4.8	452		

TABLE 5.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF Sires IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

GUERNSEY												
PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED		DIFFERENCE	
					DAUGHTERS MILK POUNDS	BUTTERFAT % POUNDS	HERD MATES MILK POUNDS	BUTTERFAT % POUNDS	MILK POUNDS	BUTTERFAT POUNDS	MILK POUNDS	BUTTERFAT POUNDS
-28 to - 9	27		27	2,228	8,721	4.8	416	9,279	4.8	445	-257	-15
- 8 to +11	76	49	27	10,584	9,416	4.8	452	9,402	4.8	450	+ 21	+ 3
+12 to +31	33	33		5,948	10,215	4.8	494	9,613	4.8	461	+392	+22
+32 to +51	10	10		3,436	10,597	4.9	521	9,775	4.9	476	+713	+39
+52 to +71	1	1		104	10,221	5.0	512	9,390	4.8	448	+729	+55
TOTAL OR AV. BY SIRE												
UNWEIGHTED	147	93	54	22,300	9,553	4.8	460	9,452	4.8	453		
WEIGHTED BY NUMBER OF DAUGHTERS				22,300	9,565	4.8	463	9,386	4.8	452		

TABLE 6.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF Sires IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

HOLSTEIN												
PREDICTED DIFFERENCE MILK RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED		DIFFERENCE	
					DAUGHTERS MILK POUNDS	BUTTERFAT % POUNDS	HERD MATES MILK POUNDS	BUTTERFAT % POUNDS	MILK POUNDS	BUTTERFAT POUNDS	MILK POUNDS	BUTTERFAT POUNDS
-2,059 to -1,560	1		1	230	12,282	3.8	463	14,276	3.8	536	-1,722	-62
-1,559 to -1,060	4		4	293	12,217	3.6	445	14,084	3.6	506	-1,374	-45
-1,059 to - 560	42		42	17,424	13,081	3.8	495	14,131	3.7	520	- 710	-15
- 559 to - 60	150		150	51,151	13,580	3.7	505	14,162	3.7	518	- 290	- 4
- 59 to + 440	202	141	61	75,246	14,127	3.7	517	13,969	3.7	511	+ 171	+ 7
+ 441 to + 940	102	102		54,784	14,838	3.6	538	14,077	3.7	515	+ 655	+20
+ 941 to +1,440	24	24		10,690	15,428	3.6	554	14,149	3.7	520	+1,082	+31
+1,441 to +1,940	3	3		414	16,902	3.5	587	14,924	3.6	535	+1,528	+41
TOTAL OR AV. BY SIRE												
UNWEIGHTED	528	270	258	210,232	14,083	3.7	517	14,073	3.7	515		
WEIGHTED BY NUMBER OF DAUGHTERS				210,232	13,936	3.7	516	13,854	3.7	509		

TABLE 7.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

HOLSTEIN

PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRDUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS	
					DAUGHTERS		HERD MATES				
					MILK POUNDS	BUTTERFAT % POUNDS		MILK PCUNDS	BUTTERFAT % POUNDS		
-76 to -57	2		2	303	12,220	3.6 442		14,257	3.7 526	-1,630	-66
-56 to -37	5		5	1,858	12,843	3.6 465		13,814	3.7 512	- 808	-40
-36 to -17	44		44	9,885	13,254	3.6 478		14,202	3.7 520	- 525	-25
-16 to + 3	197	18	179	62,224	13,803	3.6 503		14,088	3.7 515	- 100	- 5
+ 4 to +23	209	203	6	101,514	14,264	3.7 527		14,014	3.7 512	+ 254	+13
+24 to +43	62	62		27,650	14,924	3.7 557		14,092	3.7 518	+ 654	+32
+44 to +63	7	7		6,514	15,372	3.8 588		14,471	3.7 535	+ 842	+51
+64 to +83	2	2		284	15,338	3.9 600		14,353	3.7 530	+ 975	+66
TCTAL OR AV.											
BY SIRE											
UNWEIGHTED	528	292	236	210,232	14,083	3.7 517		14,073	3.7 515		
WEIGHTED BY NUMBER OF DAUGHTERS				210,232	13,936	3.7 516		13,854	3.7 509		

TABLE 8.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

JERSEY

PREDICTED DIFFERENCE MILK RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS
					DAUGHTERS		HERD MATES			
					MILK POUNDS	BUTTERFAT % POUNDS	MILK PCUNDS	BUTTERFAT % POUNDS		
-812 to - 313	21		21	1,565	7,923	5.3 420	8,636	5.2 446	-439	-15
-312 to + 187	62	26	36	5,974	8,803	5.2 460	8,890	5.2 461	- 14	+ 3
+188 to + 687	26	26		3,810	9,397	5.1 483	8,931	5.2 464	+406	+17
+688 to +1,187	12	12		1,105	9,915	5.1 501	8,884	5.2 462	+799	+32
TOTAL OR AV. BY SIRE										
UNWEIGHTED	121	64	57	12,454	8,888	5.2 462	8,854	5.2 459		
WEIGHTED BY NUMBER OF DAUGHTERS				12,454	8,891	5.2 462	8,774	5.2 456		

TABLE 9.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

JERSEY

PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS
					DAUGHTERS		HERD MATES			
					MILK POUNDS	BUTTERFAT % POUNDS	MILK POUNDS	BUTTERFAT % POUNDS		
-45 to -26	1		1	58	8,200	5.1 421	8,890	5.3 469	-470	-33
-25 to - 6	28		28	2,203	8,195	5.2 426	8,796	5.2 455	-317	-14
- 5 to +14	57	32	25	6,077	8,905	5.2 463	8,865	5.2 460	+ 58	+ 4
+15 to +34	30	30		3,599	9,339	5.2 485	8,859	5.2 460	+410	+22
+35 to +54	5	5		517	10,002	5.3 530	9,011	5.2 471	+754	+46
TCTAL OR AV. BY SIRE										
UNWEIGHTED	121	67	54	12,454	8,888	5.2 462	8,854	5.2 459		
WEIGHTED BY NUMBER OF DAUGHTERS				12,454	8,891	5.2 462	8,774	5.2 456		

TABLE 10.-AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

BROWN SWISS												
PREDICTED DIFFERENCE MILK RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS		
					DAUGHTERS MILK POUNDS	BUTTERFAT % POUNDS	HERD MILK POUNDS	MATES BUTTERFAT % POUNDS				
-1,384 to - 885	2		2	185	10,391	4.3	446	11,771	4.1	488	-1,101	-32
- 884 to - 385	12		12	1,383	10,823	4.2	456	11,920	4.1	494	- 561	-18
- 384 to + 115	16	3	13	1,791	11,609	4.2	489	11,863	4.1	489	- 128	+ 3
+ 116 to + 615	13	13		1,600	12,573	4.1	519	12,060	4.1	497	+ 360	+16
+ 616 to +1,115	3	3		121	12,792	4.1	520	11,495	4.2	478	+ 821	+27
+1,116 to +1,615	3	3		319	14,232	4.0	575	12,393	4.1	511	+1,302	+48
TOTAL OR AV.												
BY SIRE												
UNWEIGHTED	49	22	27	5,399	11,856	4.2	494	11,935	4.1	493		
WEIGHTED BY NUMBER OF DAUGHTERS				5,399	12,027	4.2	504	12,053	4.1	497		

TABLE 11.-AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

BROWN SWISS												
PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS		
					DAUGHTERS MILK POUNDS	BUTTERFAT % POUNDS	HERD MATES MILK POUNDS	BUTTERFAT % POUNDS				
-44 to -25	5		5	280	10,550	4.2	439	11,753	4.2	488	- 726	-30
-24 to - 5	11		11	1,367	10,979	4.2	462	11,950	4.1	493	- 515	-15
- 4 to +15	20	14	6	2,008	11,981	4.2	498	11,903	4.1	490	+ 54	+ 5
+16 to +35	11	11		1,447	12,722	4.2	528	11,999	4.1	497	+ 509	+25
+56 to +75	2	2		297	13,925	4.2	586	12,284	4.2	510	+1,336	+61
TOTAL OR AV. BY SIRE												
UNWEIGHTED	49	27	22	5,399	11,856	4.2	494	11,935	4.1	493		
WEIGHTED BY NUMBER OF DAUGHTERS				5,399	12,027	4.2	504	12,053	4.1	497		

TABLE 12.-AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

SHORTHORN											
PREDICTED DIFFERENCE MILK RANGE PCUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION				PREDICTED		DIFFERENCE
					DAUGHTERS MILK POUNDS	BUTTERFAT % POUNDS	HERD MILK PCUNDS	MATES BUTTERFAT % POUNDS	MILK POUNDS	BUTTERFAT POUNDS	
-471 to + 28	3		3	25	8,473	3.8	320	9,511	3.7	348	-273
+ 29 to +528	6	6		59	10,466	3.7	387	9,597	3.7	356	+271
TOTAL OR AV.											
BY SIRE											
UNWEIGHTED	9	6	3	84	9,802	3.7	365	9,568	3.7	353	
WEIGHTED BY NUMBER OF DAUGHTERS				84	9,701	3.7	363	9,465	3.7	351	

TABLE 13.-AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

SHORTHORN

PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION						PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS	
					DAUGHTERS		HERD MATES						
					MILK POUNDS	BUTTERFAT % POUNDS		MILK POUNDS	BUTTERFAT % POUNDS				
-18 to + 1	3		3	25	8,473	3.8	320	9,511	3.7	348	-273	- 7	
+ 2 to +21	6	6		59	10,466	3.7	387	9,597	3.7	356	+271	+ 9	
TOTAL OR AV.													
BY SIRE													
UNWEIGHTED	9	6	3	84	9,802	3.7	365	9,568	3.7	353			
WEIGHTED BY NUMBER OF DAUGHTERS				84	9,701	3.7	363	9,465	3.7	351			

TABLE 14.-AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

RED DANE

PREDICTED DIFFERENCE MILK RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION						PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS	
					DAUGHTERS		HERD MATES						
					MILK POUNDS	BUTTERFAT % POUNDS		MILK POUNDS	BUTTERFAT % POUNDS				
- 69 to +430	1		1	41	11,661	3.9	459	11,769	4.0	465	- 26	- 3	
+431 to +930	2	2		85	12,542	4.0	497	11,642	4.0	468	+643	+21	
TOTAL OR AV. BY SIRE													
UNWEIGHTED	3	2	1	126	12,248	4.0	484	11,684	4.0	467			
WEIGHTED BY NUMBER OF DAUGHTERS				126	12,235	4.0	483	11,679	4.0	466			

TABLE 15.-AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF DAUGHTERS OF SIRES IN ARTIFICIAL-BREEDING SERVICE, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE PREDICTED DIFFERENCE

RED DANE

PREDICTED DIFFERENCE BUTTERFAT RANGE POUNDS	SIRES NUMBER	MAINTAINED OR INCREASED PRODUCTION NUMBER	DECREASED PRODUCTION NUMBER	DAUGHTERS WITH HERD MATES NUMBER	AVERAGE PRODUCTION						PREDICTED MILK POUNDS	DIFFERENCE BUTTERFAT POUNDS
					DAUGHTERS		HERD MATES					
					MILK POUNDS	BUTTERFAT % POUNDS		MILK POUNDS	BUTTERFAT % POUNDS			
-22 to - 3	1		1	41	11,661	3.9	459	11,769	4.0	465	- 26	- 3
- 2 to +17	1	1		48	12,320	3.9	481	11,592	4.0	463	+550	+14
+18 to +37	1	1		37	12,763	4.0	513	11,692	4.0	473	+735	+28
TCTAL OR AV. BY SIRE												
UNWEIGHTED	3	2	1	126	12,248	4.0	484	11,684	4.0	467		
WEIGHTED BY NUMBER OF DAUGHTERS				126	12,235	4.0	483	11,679	4.0	466		

TABLE 16.--GROUPING OF STATES USED IN REGIONAL BREED-YEAR-SEASON AVERAGES ^{1/}

REGION NUMBER	STATES
<u>GUERNSEY AND JERSEY</u>	
1	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania
2	Indiana, Illinois, Ohio, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas
3	Delaware, Maryland, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma, and Texas
4	Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii
<u>HOLSTEIN</u>	
1	Maine, New Hampshire, Vermont, Massachusetts, and Rhode Island
2	Connecticut and New York
3	New Jersey and Pennsylvania
4	Indiana and Illinois
5	Ohio and Michigan
6	Wisconsin
7	Minnesota
8	Iowa and Missouri
9	North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas
10	Delaware, Maryland, and Virginia
11	Kentucky, Tennessee, North Carolina, and West Virginia
12	South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas
13	Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, Alaska, and Hawaii
14	California
<u>AYRSHIRE AND BROWN SWISS</u>	
1	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii
2	Indiana, Illinois, Ohio, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas
3	Delaware, Maryland, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma, and Texas

^{1/} Nationwide averages were used for the Milking Shorthorn, Red Dane, and Red Poll breeds because of the limited number of observations available.

